

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003.

Dated: 23rd January, 2025

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

- Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 and O.M. of even no. dated 22.03.2024 inter-alia directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency requirement for crystalline-Silicon technology based Solar PV Modules	Minimum Module Efficiency requirement for Cadmium Telluride Thin Film technology based Solar PV Modules
Category I	Utility / Grid Scale Power Plants	20.0%	19.00%
Category II	Rooftop and Solar Pumping	19.5%	18.50%
Category III	Solar Lighting	19.0%	18.00%

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 06.01.2025.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXIV of same is enclosed at Annexure-I. The details of provisional enlistments granted by MNRE in ALMM List-I are at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link:

https://www.crsbis.in/BIS/Lims_registration.do?hmode=getLimsData

8. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E

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Encl: as above

To: All Concerned

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 23rd January 2025)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	Emmvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalsuru Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72 E390M72 E395M72	19.20 19.45 19.70	72 (Full Cells)	1500	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	E325M60 (325 Wp)	E320M60 E325M60 E330M60	19.04 19.34 19.64				
2	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	R-51000590	1297	i	Mono C-Si PERC Modules	SS535144HCMP (535Wp)	SS520144HCMP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCMP	20.35				
								SS530144HCMP	20.54				
								SS535144HCMP	20.74				
								SS540144HCMP	20.93				
								SS545144HCMP	21.13				
								SS550144HCMP	21.32				
								SS555144HCMP	21.51				
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS520144HCBP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCBP	20.35				
								SS530144HCBP	20.54				
								SS535144HCBP	20.74				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SS535144HCMP (535Wp)	SS520144HCMP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
								SS525144HCMP	20.35				
								SS530144HCMP	20.54				
								SS535144HCMP	20.74				
								SS540144HCMP	20.93				
								SS545144HCMP	21.13				
								SS550144HCMP	21.32				
								SS555144HCMP	21.51				
iv	N-Type TOPCON Modules (Glass to Glass)	SS565144HCGT (565Wp)	SS580144HCGT	22.48	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SS575144HCGT	22.29									
			SS570144HCGT	22.09									
			SS565144HCGT	21.90									
			SS560144HCGT	21.71									
			SS555144HCGT	21.51									
			SS550144HCGT	21.32									
			SS545144HCGT	21.12									
v	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SS490132HCMP (490Wp)	SS505132HCMP	21.27	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SS500132HCMP	21.06									
			SS495132HCMP	20.85									
			SS490132HCMP	20.64									
			SS485132HCMP	20.43									
			SS480132HCMP	20.22									
			SS475132HCMP	20.01									
			SS470132HCMP	19.80									
3	M/s Solex Energy Ltd	Plot No. 131/A Phase-1, G.I.D.C, Vitthal Udyognagar, Anand, Gujarat	R-72002577	21	i	Mono C-Si PERC Modules	SESM24375 (375 Wp)	SESM24370	19.04	72 (Full Cells)	1000	10.03.2023	09.03.2027
								SESM24375	19.30				
								SESM24380	19.55				
ii	Mono C-Si PERC Modules	SES20CM120W320 (320 Wp)	SES20CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027					
									SES24CM144W375	19.01			
iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W380	19.30	144 (Half Cells)	1000	10.03.2023	09.03.2027					
			SES24CM144W385	19.51									
4	Saatvik Green Energy Pvt. Ltd.	Village Dubli, Tehshil- Barara, Dist- Ambala -133101, Haryana	R-91003670	1740	i	Mono C-Si PERC Modules	SGE 190-36M (190 Wp)	SGE 190-36M	19.11	36 (Full Cells)	1000	10.03.2023	09.03.2027
								SGE 255-48M (255 Wp)	19.37				
					ii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 280-54M	19.15	54 (Full Cells)	1000	10.03.2023	09.03.2027
								SGE 285-54M	19.49				
					iii	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 310-60M	19.08	60 (Full Cells)	1500	10.03.2023	09.03.2027
SGE 315-60M	19.41												
iv	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 370-72M	19.09	72 (Full Cells)	1500	10.03.2023	09.03.2027					
			SGE 375-72M	19.35									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleswar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72003140	250	xvi	Bifacial N Type TOPCon Module	SGE575-144TGG (575 Wp)	SGE565-144TGG	21.87	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE570-144TGG	22.06				
								SGE575-144TGG	22.26				
								SGE580-144TGG	22.45				
								SGE585-144TGG	22.64				
								SGE590-144TGG	22.84				
					xvii	Bifacial N Type TOPCon Module	SGE615-156TGG (615 Wp)	SGE600-156TGG	21.47	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE605-156TGG	21.65				
								SGE610-156TGG	21.83				
								SGE615-156TGG	22.01				
								SGE620-156TGG	22.19				
								SGE625-156TGG	22.37				
xviii	Mono c-Si PERC Module	SGE500-144 MHC (500 Wp)	SGE500-144 MHC	19.35	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleswar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72003140	250	i	Mono C-Si PERC Modules	NSM375 (375 Wp)	NSM370	19.07	72 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM375	19.33				
								NSM380	19.58				
					ii	Mono C-Si PERC Modules	NSM320-60 (320 Wp)	NSM310-60	19.09	60 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM315-60	19.40				
								NSM320-60	19.71				
								NSM325-60	20.02				
								NSM330-60	20.33				
					iii	Mono C-Si PERC Modules	NSM350-66 (350 Wp)	NSM340-66	19.03	66 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM345-66	19.31				
								NSM350-66	19.59				
					iv	Mono PERC C-Si Module	NSM580-156 (580 Wp)	NSM575-156	20.39	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
NSM575-156	20.57												
NSM580-156	20.74												
NSM585-156	20.92												
v	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM525-144	20.32	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM530-144	20.51									
			NSM535-144	20.71									
			NSM540-144	20.90									
			NSM545-144	21.09									
			NSM550-144	21.29									
			NSM555-144	21.48									
NSM560-144	21.67												
vi	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM480-132	20.21	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM485-132	20.42									
			NSM490-132	20.64									
			NSM495-132	20.85									
			NSM500-132	21.06									
vii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM435-120	20.09	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM440-120	20.33									
			NSM445-120	20.56									
			NSM450-120	20.79									
			NSM455-120	21.02									
viii	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM390-108	19.96	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM395-108	20.21									
			NSM400-108	20.47									
			NSM405-108	20.72									
			NSM410-108	20.98									
ix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM350-96	20.06	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM355-96	20.35									
			NSM360-96	20.64									
			NSM365-96	20.92									
x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM260-72	19.62	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM265-72	20.00									
			NSM270-72	20.38									
			NSM275-72	20.76									
			NSM280-72	21.14									
xi	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM460-156	19.65	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM465-156	19.86									
			NSM470-156	20.07									
			NSM475-156	20.29									
			NSM480-156	20.50									
			NSM485-156	20.72									
xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM435-144	20.08	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM440-144	20.32									
			NSM445-144	20.78									
			NSM450-144	20.55									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
								NSM455-144	21.01	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027		
								NSM460-144	21.64						
								NSM465-144	21.47						
								NSM395-132	19.85						
								NSM400-132	20.10						
								NSM405-132	20.35						
								NSM410-132	20.60						
								NSM415-132	20.85						
								NSM360-120	19.84						
								NSM365-120	20.11						
								NSM370-120	20.39						
								NSM375-120	20.66						
								NSM320-108	19.52						
								NSM325-108	19.82						
								NSM330-108	20.13						
								NSM335-108	20.43						
								NSM340-108	20.74						
								NSM285-96	19.47						
								NSM290-96	19.81						
								NSM295-96	20.15						
								NSM300-96	20.49						
								NSM215-72	19.32						
								NSM220-72	19.77						
								NSM225-72	20.22						
								NSM385	19.40						
								NSM390	19.65						
								NSM395	19.90						
								NSM400	20.15						
								xix	Mono PERC C-Si Module					NSM-WBPR64 - MIO-160(160Wp)	NSM-WBPR64 - MIO-160
xx	Mono PERC C-Si Module	NSM-WBPR60 - MIO-225(225Wp)	NSM-WBPR60 - MIO-225	20.28	60 (Half Cut Cells)	1000									
xxi	Mono PERC C-Si Module	NSM-WBPR56 - MIO-210(210Wp)	NSM-WBPR56 - MIO-210	20.26	56(Half Cut Cells)	1000									
xxii	Mono PERC C-Si Module	NSM-WBPR52 - MIO-200(200Wp)	NSM-WBPR52 - MIO-200	20.72	52 (Half Cut Cells)	1000									
xxiii	Mono PERC C-Si Module	NSM-WBPR48 - MIO-180(180Wp)	NSM-WBPR48 - MIO-180	20.13	48 (Half Cut Cells)	1000									
xxiv	Mono PERC C-Si Module	NSM-WBPR44 - MIO-110(110Wp)	NSM-WBPR44 - MIO-110	19.38	44 (Half Cut Cells)	1000									
xxv	Mono PERC C-Si Module	NSM-WBPR44 - MIO-165(165Wp)	NSM-WBPR44 - MIO-160	20.05	44 (Half Cut Cells)	1000									
xxvi	Mono PERC C-Si Module	NSM-WBPR40 - MIO-150(150Wp)	NSM-WBPR40 - MIO-150	19.95	40 (Half Cut Cells)	1000									
xxvii	Mono PERC C-Si Module	NSM-WBPR36 - MIO-90(90Wp)	NSM-WBPR36 - MIO-90	19.07	36 (Half Cut Cells)	1000									
xxviii	Mono PERC C-Si Module	NSM-WBPR36 - MIO-135(135Wp)	NSM-WBPR36 - MIO-135	19.83	36 (Half Cut Cells)	1000									
xxix	Mono PERC C-Si Module	NSM-WBPR32 - MIO-120(120Wp)	NSM-WBPR32 - MIO-120	19.68	32 (Half Cut Cells)	1000									
6	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	R-93005959	1162				JH-420M	19.26	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027		
								JH-425M	19.49						
								JH-430M	19.71						
								JH-435M	19.94						
								JH-440M	20.17						
								JH-445M	20.40						
								JH-450M	20.63						
								JH-455M	20.86						
								JH-460M	21.09						
								JH-470M	19.66						
								JH-475M	19.87						
								JH-480M	20.08						
								JH-485M	20.29						
								JH-490M	20.50						
								JH-495M	20.71						
								JH-500M	20.92						
								JH-505M	21.13						
								JH-510M	21.34						
								JH-515M	19.85						
								JH-520M	20.04						
								JH-525M	20.23						
								JH-530M	20.43						
								JH-535M	20.62						
								JH-540M	20.81						
								JH-545M	21.00						
								JH-550M	21.20						
								JH-555M	21.39						
								JH-580M	20.67						
								JH-585M	20.85						
JH-590M	21.03														
JH-595M	21.21														
i	Mono C-Si PERC Modules	JH-440M, (440Wp)													
ii	Mono C-Si PERC Modules	JH-490M, (490Wp)													
iii	Mono C-Si PERC Modules	JH-535M, (535Wp)													
iv	Mono C-Si PERC Modules	JH-580M, (580Wp)													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								JH-600M	21.38				
					v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JP-H385M	19.37	72 (Full Cells)	1500	17.08.2023	16.08.2027
							JP-H390M	19.62					
							JP-H395M	19.87					
							JP-H400M	20.12					
							JP-H405M	20.37					
					vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JH-380M	19.28	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-385M	19.53					
							JH-390M	19.79					
							JH-395M	20.04					
							JH-400M	20.29					
							JH-405M	20.55					
							JH-410M	20.88					
							JH-415M	21.06					
							JH-380BB	19.48					
							JH-385BB	19.73					
					vii	Mono c-Si Bifacial PERC Module	JH-400BB	JH-390BB	19.99	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-395BB	20.25					
							JH-400BB	20.50					
							JH-405BB	20.76					
							JH-410BB	21.01					
							JH-415BB	21.27					
							JH-420BB	19.39					
							JH-425BB	19.62					
							JH-430BB	19.85					
							JH-435BB	20.08					
					viii	Mono c-Si Bifacial PERC Module	JH-440BB	JH-440BB	20.31	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-445BB	20.54					
							JH-450BB	20.77					
							JH-455BB	21.00					
							JH-460BB	21.23					
							JH-475BB	20.02					
							JH-480BB	20.23					
							JH-485BB	20.44					
							JH-490BB	20.65					
							JH-495BB	20.86					
					ix	Mono c-Si Bifacial PERC Module	JH-490BB	JH-500BB	21.07	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-505BB	21.29					
							JH-510BB	21.50					
							JH-515BB	21.71					
							JH-520BB	20.15					
							JH-525BB	20.34					
							JH-530BB	20.53					
							JH-535BB	20.73					
							JH-540BB	20.92					
							JH-545BB	21.11					
					x	Mono c-Si Bifacial PERC Module	JH-535BB	JH-550BB	21.31	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-555BB	21.50					
							JH-380BT	19.48					
							JH-385BT	19.73					
							JH-390BT	19.99					
							JH-395BT	20.25					
							JH-400BT	20.50					
							JH-405BT	20.76					
							JH-410BT	21.01					
							JH-415BT	21.27					
							JH-420BT	19.39					
							JH-425BT	19.62					
							JH-430BT	19.85					
							JH-435BT	20.08					
					xii	Mono c-Si Bifacial PERC Module	JH-440BT	JH-440BT	20.31	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-445BT	20.54					
							JH-450BT	20.77					
							JH-455BT	21.00					
							JH-460BT	21.23					
							JH-475BT	20.02					
							JH-480BT	20.23					
							JH-485BT	20.44					
							JH-490BT	20.65					
							JH-495BT	20.86					
					xiii	Mono c-Si Bifacial PERC Module	JH-490BT	JH-500BT	21.07	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-505BT	21.29					
							JH-505BT	21.29					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								JH-510BT	21.50				
								JH-515BT	21.71				
					xiv	Mono c-Si Bifacial PERC Module	JH-535BT	JH-520BT	20.15	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-525BT	20.34					
							JH-530BT	20.53					
							JH-535BT	20.73					
							JH-540BT	20.92					
							JH-545BT	21.11					
							JH-550BT	21.31					
							JH-555BT	21.50					
							JH-380BW	19.48					
					xv	Mono c-Si Bifacial PERC Module	JH-400BW	JH-385BW	19.73				
							JH-390BW	19.99					
							JH-395BW	20.25					
							JH-400BW	20.50					
							JH-405BW	20.76					
							JH-410BW	21.01					
							JH-415BW	21.27					
							JH-420BW	19.39					
							JH-425BW	19.62					
							JH-430BW	19.85					
					xvi	Mono c-Si Bifacial PERC Module	JH-440BW	JH-435BW	20.08	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-440BW	20.31					
							JH-445BW	20.54					
							JH-450BW	20.77					
							JH-455BW	21.00					
							JH-460BW	21.23					
							JH-475BW	20.02					
							JH-480BW	20.23					
							JH-485BW	20.44					
							JH-490BW	20.65					
					xvii	Mono c-Si Bifacial PERC Module	JH-490BW	JH-495BW	20.86	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-500BW	21.07					
							JH-505BW	21.29					
							JH-510BW	21.50					
							JH-515BW	21.71					
							JH-520BW	20.15					
							JH-525BW	20.34					
							JH-530BW	20.53					
							JH-535BW	20.73					
							JH-540BW	20.92					
					xviii	Mono c-Si Bifacial PERC Module	JH-535BW	JH-545BW	21.11	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JH-545BW	21.11					
							JH-550BW	21.31					
							JH-555BW	21.50					
							JN-400BT	20.50					
							JN-405BT	20.76					
							JN-410BT	21.01					
							JN-415BT	21.27					
							JN-420BT	21.53					
							JN-425BT	21.78					
					xix	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-420BT (420 Wp)	JN-430BT	22.04	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JN-435BT	22.29					
							JN-440BT	22.55					
							JN-445BT	20.54					
							JN-450BT	20.77					
							JN-455BT	21.00					
							JN-460BT	21.23					
							JN-465BT	21.46					
							JN-470BT	21.70					
							JN-475BT	21.93					
					xx	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-470BT (470 Wp)	JN-480BT	22.16	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
							JN-485BT	22.39					
							JN-490BT	22.62					
							JN-495BT	20.86					
							JN-500BT	21.07					
							JN-505BT	21.28					
							JN-510BT	21.50					
							JN-515BT	21.71					
							JN-520BT	21.92					
							JN-525BT	22.13					
					xxi	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-520BT (520 Wp)	JN-530BT	22.34	132 (Half Cut cells)	1500	17.08.2023	16.08.2027
							JN-535BT	22.55					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					xxii	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-570BT (570 Wp)	JN-540BT	22.76	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
								JN-545BT	21.12					
								JN-550BT	21.31					
								JN-555BT	21.50					
								JN-560BT	21.70					
								JN-565BT	21.89					
								JN-570BT	22.08					
								JN-575BT	22.28					
								JN-580BT	22.47					
								JN-585BT	22.66					
								JN-590BT	22.86					
								JN-400G	20.50					
					xxiii	N-Type TOPCon Module (Glass to Glass)	JN-420G (420 Wp)	JN-405G	20.76	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
								JN-410G	21.01					
								JN-415G	21.27					
								JN-420G	21.53					
								JN-425G	21.78					
								JN-430G	22.04					
								JN-435G	22.29					
								JN-445G	20.54					
								JN-450G	20.77					
								JN-455G	21.00					
								JN-460G	21.23					
								JN-465G	21.46					
xxiv	N-Type TOPCon Module (Glass to Glass)	JN-470G (470 Wp)	JN-470G	21.70	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027						
			JN-475G	21.93										
			JN-480G	22.16										
			JN-485G	22.39										
			JN-495G	20.86										
			JN-500G	21.07										
			JN-505G	21.28										
			JN-510G	21.50										
			JN-515G	21.71										
			JN-520G	21.92										
			JN-525G	22.13										
			JN-530G	22.34										
xxv	N-Type TOPCon Module (Glass to Glass)	JN-520G (520 Wp)	JN-545G	21.12	132 (Half Cut cells)	1500	17.08.2023	16.08.2027						
			JN-550G	21.31										
			JN-555G	21.50										
			JN-560G	21.70										
			JN-565G	21.89										
			JN-570G	22.08										
			JN-575G	22.28										
			JN-580G	22.47										
			JN-545G	21.12										
			JN-550G	21.31										
			JN-555G	21.50										
			JN-560G	21.70										
xxvi	N-Type TOPCon Module (Glass to Glass)	JN-570G (570 Wp)	JN-560G	21.70	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027						
			JN-565G	21.89										
			JN-570G	22.08										
			JN-575G	22.28										
			JN-580G	22.47										
			JN-545G	21.12										
			JN-550G	21.31										
			JN-555G	21.50										
			JN-560G	21.70										
			JN-565G	21.89										
			JN-570G	22.08										
			JN-575G	22.28										
JN-580G	22.47													
7	Insolation Energy Pvt. Ltd	Khasra No 766/2, VIII-Bagwara, Teh-Amer Jaipur, Rajasthan	R-84002330	174	i	Mono c-Si PERC Module	INA72MP375	INA72MP375	19.23	72 (Full Cells)	1500	29.09.2023	28.09.2027	
ii					Mono c-Si PERC Module	INA72MP385	INA72MP395	19.80	72 (Full Cells)	1500	29.09.2023	28.09.2027		
INA72MP390	19.55													
INA72MP385	19.30													
INA72MP380	19.05													
INA72MP375	18.80													
8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	710	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) 595Wp)	(565Wp)	G2XBifacial1734-HAE	20.20	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
G2XBifacial1741-HAE									20.38					
G2XBifacial1747-HAE									20.56					
G2XBifacial1754-HAE									20.74					
G2XBifacial1760-HAE									20.92					
G2XBifacial1767-HAE									21.10					
G2XBifacial1773-HAE									21.28					
G2XBifacial1663-HAD									19.74					
G2XBifacial1669-HAD									19.94					
G2XBifacial1676-HAD									20.13					
G2XBifacial1682-HAD									20.32					
G2XBifacial1689-HAD									20.52					
ii					Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)		G2XBifacial1695-HAD	20.71	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027	
								G2XBifacial1702-HAD	20.90					
								G2XBifacial1708-HAD	21.10					
								G2XBifacial1715-HAD	21.29					
								G2XBifacial1656-HAB	21.13					
								G2XBifacial1650-HAB	20.92					
								G2XBifacial1643-HAB	20.71					
								G2XBifacial1637-HAB	20.50					
								G2XBifacial1630-HAB	20.29					
								G2XBifacial1598-HAA	21.09					
								G2XBifacial1643-HAB	20.71					
								G2XBifacial1637-HAB	20.50					
G2XBifacial1630-HAB	20.29													
G2XBifacial1598-HAA	21.09													
iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)		G2XBifacial1643-HAB	20.71	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
				G2XBifacial1637-HAB	20.50									
				G2XBifacial1630-HAB	20.29									
				G2XBifacial1598-HAA	21.09									
				G2XBifacial1643-HAB	20.71									
				G2XBifacial1637-HAB	20.50									
				G2XBifacial1630-HAB	20.29									
				G2XBifacial1598-HAA	21.09									
				G2XBifacial1643-HAB	20.71									
				G2XBifacial1637-HAB	20.50									
				G2XBifacial1630-HAB	20.29									
				G2XBifacial1598-HAA	21.09									
G2XBifacial1598-HAA	21.09													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1591-HAA	20.87	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1585-HAA	20.64				
								G2XBifacial1578-HAA	20.41				
								G2XBifacial1572-HAA	20.18				
								G2XBifacial1539-HAY	21.06				
								G2XBifacial1533-HAY	20.80				
								G2XBifacial1526-HAY	20.55				
								G2XBifacial1520-HAY	20.30				
								G2XBifacial1507-HAY	19.79				
								G2XBifacial1474-HAX	20.71				
								G2XBifacial1468-HAX	20.43				
								G2XBifacial1461-HAX	20.14				
								G2XBifacial1455-HAX	19.86				
								G2X565-HAE	20.20				
								G2X570-HAE	20.38				
								G2X575-HAE	20.56				
								G2X580-HAE	20.74				
								G2X585-HAE	20.92				
								G2X590-HAE	21.10				
								G2X595-HAE	21.28				
								G2X510-HAD	19.74				
								G2X515-HAD	19.94				
								G2X520-HAD	20.13				
								G2X525-HAD	20.32				
								G2X530-HAD	20.52				
								G2X535-HAD	20.71				
								G2X540-HAD	20.90				
								G2X545-HAD	21.10				
								G2X550-HAD	21.29				
								G2X505-HAB	21.13				
								G2X500-HAB	20.92				
								G2X495-HAB	20.71				
								G2X490-HAB	20.50				
								G2X485-HAB	20.29				
								G2X460-HAA	21.09				
								G2X455-HAA	20.87				
								G2X450-HAA	20.64				
								G2X445-HAA	20.41				
								G2X440-HAA	20.18				
								G2X415-HAY	21.06				
								G2X410-HAY	20.80				
								G2X405-HAY	20.55				
								G2X400-HAY	20.30				
								G2X390-HAY	19.79				
								G2X365-HAX	20.71				
								G2X360-HAX	20.43				
								G2X355-HAX	20.14				
								G2X350-HAX	19.86				
								GS-410-AAA	19.03				
								GS-415-AAA	19.26				
								GS-420-AAA	19.49				
								GS-425-AAA	19.72				
								GS-430-AAA	19.95				
								GS-380-AAB	19.13				
								GS-385-AAB	19.39				
								GS-390-AAB	19.64				
								GS-395-AAB	19.89				
								GS-400-AAB	20.14				
								GS-405-AAB	20.39				
								GS-410-AAB	20.64				
								GS-415-AAB	20.90				
								GS-420-AAB	21.15				
								GS-350-AAC	19.13				
								GS-355-AAC	19.40				
								GS-360-AAC	19.67				
								GS-365-AAC	19.95				
								GS-320-AAD	19.16				
								GS-325-AAD	19.46				
								GS-330-AAD	19.76				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								GS-335-AAD	20.06				
					xvii	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-290-AAE	19.21	54 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-295-AAE	19.54					
							GS-300-AAE	19.87					
							GS-260-AAF	19.26					
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-265-AAF	19.63	48 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-230-AAG	19.33					
					xix	Mono c-Si PERC Modules	GS-230-AAG (230 Wp)	GS-195-AAH	19.26	36 (Full Cells)	1500	29.09.2023	28.09.2027
							GS-200-AAH	19.75					
							GS-205-AAH	20.25					
							GS-210-AAH	20.74					
					xx	Mono c-Si PERC Modules	GS-200-AAH (200 Wp)	G2X590-HAD	22.82	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2X1767-UHAD	22.78					
							G2X588-HAD	22.74					
							G2X587-HAD	22.70					
							G2X1758T-UHAD	22.66					
							G2X585-HAD	22.63					
							G2X1752-UHAD	22.59					
							G2X583-HAD	22.55					
							G2X582-HAD	22.51					
							G2X1743T-UHAD	22.47					
							G2X580-HAD	22.43					
							G2X1737-UHAD	22.39					
							G2X578-HAD	22.36					
							G2X577-HAD	22.32					
							G2X1728T-UHAD	22.28					
							G2X575-HAD	22.24					
							G2X1722-UHAD	22.20					
							G2X573-HAD	22.16					
							G2X572-HAD	22.12					
							G2X1713T-UHAD	22.08					
							G2X570-HAD	22.05					
							G2X1707-UHAD	22.01					
							G2X568-HAD	21.97					
							G2X567-HAD	21.93					
							G2X1698T-UHAD	21.89					
							G2X565-HAD	21.85					
							G2X1692-UHAD	21.81					
							G2X563-HAD	21.78					
							G2X562-HAD	21.74					
							G2X1683T-UHAD	21.70					
							G2X560-HAD	21.66					
							G2X1677-UHAD	21.62					
							G2X558-HAD	21.58					
							G2X557-HAD	21.54					
							G2X1668T-UHAD	21.50					
							G2X555-HAD	21.47					
							G2X1662-UHAD	21.43					
							G2X553-HAD	21.39					
							G2X552-HAD	21.35					
							G2X1653T-UHAD	21.31					
							G2X495-HAA	22.70					
							G2X1482-UHAA	22.65					
							G2X493-HAA	22.61					
							G2X492-HAA	22.56					
							G2X1473T-UHAA	22.52					
							G2X490-HAA	22.47					
							G2X1467-UHAA	22.42					
							G2X488-HAA	22.38					
							G2X487-HAA	22.33					
							G2X1458T-UHAA	22.29					
							G2X485-HAA	22.24					
							G2X1452-UHAA	22.19					
							G2X483-HAA	22.15					
							G2X482-HAA	22.10					
							G2X1443T-UHAA	22.06					
							G2X480-HAA	22.01					
							G2X1437-UHAA	21.97					
					xxii	N-Type TOPCon Module	G2X480-HAA (480 Wp) (461Wp-495Wp)	G2X478-HAA	21.92	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity							
												From	To (subject to valid BIS Registration; else deemed to be delisted)						
								G2X477-HAA 21.87 G2X1428T-UHAA 21.83 G2X475-HAA 21.78 G2X1422-UHAA 21.74 G2X473-HAA 21.69 G2X472-HAA 21.64 G2X1413T-UHAA 21.60 G2X470-HAA 21.55 G2X1407-UHAA 21.51 G2X468-HAA 21.46 G2X467-HAA 21.42 G2X1398T-UHAA 21.37 G2X465-HAA 21.32 G2X1392-UHAA 21.28 G2X463-HAA 21.23 G2X462-HAA 21.19 G2X1383T-UHAA 21.14 G2X450-HAY 22.83 G2X1347-UHAY 22.78 G2X448-HAY 22.73 G2X447-HAY 22.68 G2X1338T-UHAY 22.63 G2X445-HAY 22.58 G2X1332-UHAY 22.53 G2X443-HAY 22.48 G2X442-HAY 22.43 G2X1323T-UHAY 22.38 G2X440-HAY 22.32 G2X1317-UHAY 22.27 G2X438-HAY 22.22 G2X437-HAY 22.17 G2X1308T-UHAY 22.12 G2X435-HAY 22.07 G2X1302-UHAY 22.02 G2X433-HAY 21.97 G2X432-HAY 21.92 G2X1293T-UHAY 21.87 G2X430-HAY 21.82 G2X1287-UHAY 21.77 G2X428-HAY 21.72 G2X427-HAY 21.67 G2X1278T-UHAY 21.61 G2X425-HAY 21.56 G2X1272-UHAY 21.51 G2X423-HAY 21.46 G2X422-HAY 21.41 G2X1263T-UHAY 21.36 G2X420-HAY 21.31 G2X1257-UHAY 21.26 G2X418-HAY 21.21 G2X417-HAY 21.16 G2X1248T-UHAY 21.11 G2G1770-HAD 22.82 G2G1767-UHAD 22.78 G2G1764N-UHAD 22.74 G2G1761B-UHAD 22.70 G2G1758NB-UHAD 22.66 G2G1755-HAD 22.63 G2G1752-UHAD 22.59 G2G1749N-UHAD 22.55 G2G1746B-UHAD 22.51 G2G1743NB-UHAD 22.47 G2G1740-HAD 22.43 G2G1737-UHAD 22.39 G2G1734N-UHAD 22.36 G2G1731B-UHAD 22.32 G2G1728NB-UHAD 22.28 G2G1725-HAD 22.24 G2G1722-UHAD 22.20 G2G1719N-UHAD 22.16 G2G1716B-UHAD 22.12 G2G1713NB-UHAD 22.08											
					xxiii	N-Type TOPCon Module	G2X430-HAY (430 Wp) (416Wp-450Wp)			108 (Half Cut Cells)	1500	29.09.2023	28.09.2027						
					xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1740-HAD (580WP) (567Wp - 590Wp)			144 (Half Cut Cells)	1500	29.09.2023	28.09.2027						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2G1710-HAD	22.05				
								G2G1707-UHAD	22.01				
								G2G1704N-UHAD	21.97				
								G2G1701B-UHAD	21.93				
								G2G1635-HAB	22.80				
								G2G1632-UHAB	22.76				
								G2G1629N-UHAB	22.72				
								G2G1626B-UHAB	22.67				
								G2G1623NB-UHAB	22.63				
								G2G1620-HAB	22.59				
								G2G1617-UHAB	22.55				
								G2G1614N-UHAB	22.51				
								G2G1611B-UHAB	22.46				
								G2G1608NB-UHAB	22.42				
								G2G1605-HAB	22.38				
								G2G1602-UHAB	22.34				
								G2G1599N-UHAB	22.30				
								G2G1596B-UHAB	22.26				
								G2G1593NB-UHAB	22.21				
								G2G1590-HAB	22.17				
								G2G1587-UHAB	22.13				
								G2G1584N-UHAB	22.09				
								G2G1581B-UHAB	22.05				
								G2G1578NB-UHAB	22.00				
								G2G1575-HAB	21.96				
								G2G1572-UHAB	21.92				
								G2G1569N-UHAB	21.88				
								G2G1566B-UHAB	21.84				
					xxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1560-HAB (520Wp) (496Wp - 545Wp)	G2G1563NB-UHAB	21.79	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1560-HAB	21.75				
								G2G1557-UHAB	21.71				
								G2G1554N-UHAB	21.67				
								G2G1551B-UHAB	21.63				
								G2G1548NB-UHAB	21.59				
								G2G1545-HAB	21.54				
								G2G1542-UHAB	21.50				
								G2G1539N-UHAB	21.46				
								G2G1536B-UHAB	21.42				
								G2G1533NB-UHAB	21.38				
								G2G1530-HAB	21.33				
								G2G1527-UHAB	21.29				
								G2G1524N-UHAB	21.25				
								G2G1521B-UHAB	21.21				
								G2G1518NB-UHAB	21.17				
								G2G1515-HAB	21.13				
								G2G1512-UHAB	21.08				
								G2G1509N-UHAB	21.04				
								G2G1506B-UHAB	21.00				
								G2G1503NB-UHAB	20.96				
								G2G1500-HAB	20.92				
								G2G1497-UHAB	20.87				
								G2G1494N-UHAB	20.83				
								G2G1491B-UHAB	20.79				
								G2G1488NB-UHAB	20.75				
								G2G1485-HAB	20.71				
								G2G1482-UHAB	20.67				
								G2G1479N-UHAB	20.62				
								G2G1476B-UHAB	20.58				
								G2G1473NB-UHAB	20.54				
								G2G1470-HAB	20.50				
								G2G1467-UHAB	20.46				
								G2G1464N-UHAB	20.41				
								G2G1461B-UHAB	20.37				
								G2G1458NB-UHAB	20.33	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1455-HAB	20.29				
								G2G1452-UHAB	20.25				
								G2G1449N-UHAB	20.21				
								G2G1446B-UHAB	20.16				
								G2G1443NB-UHAB	20.12				
								G2G1440-HAB	20.08				
								G2G1425-HAB	19.87				
								G2G1410-HAB	19.66				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1422-UHAA (474Wp) (451Wp - 495Wp)	G2G1485-HAA	22.70	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
				G2G1482-UHAA				22.65					
				G2G1479N-UHAA				22.61					
				G2G1476B-UHAA				22.56					
				G2G1473NB-UHAA				22.52					
				G2G1470-HAA				22.47					
				G2G1467-UHAA				22.42					
				G2G1464N-UHAA				22.38					
				G2G1461B-UHAA				22.33					
				G2G1458NB-UHAA				22.29					
				G2G1455-HAA				22.24					
				G2G1452-UHAA				22.19					
				G2G1449N-UHAA				22.15					
				G2G1446B-UHAA				22.10					
				G2G1443NB-UHAA				22.06					
				G2G1440-HAA				22.01					
				G2G1437-UHAA				21.97					
				G2G1434N-UHAA				21.92					
				G2G1431B-UHAA				21.87					
				G2G1428NB-UHAA				21.83					
				G2G1425-HAA				21.78					
				G2G1422-UHAA				21.74					
				G2G1419N-UHAA				21.69					
				G2G1416B-UHAA				21.64					
				G2G1413NB-UHAA				21.60					
				G2G1410-HAA				21.55					
				G2G1407-UHAA				21.51					
				G2G1404N-UHAA				21.46					
				G2G1401B-UHAA				21.42					
				G2G1398NB-UHAA				21.37					
				G2G1395-HAA				21.32					
				G2G1392-UHAA				21.28					
				G2G1389N-UHAA				21.23					
				G2G1386B-UHAA				21.19					
				G2G1383NB-UHAA				21.14					
				G2G1380-HAA				21.09					
				G2G1377-UHAA				21.05					
				G2G1374N-UHAA				21.00					
				G2G1371B-UHAA				20.96					
				G2G1368NB-UHAA				20.91					
				G2G1365-HAA	20.87								
				G2G1362-UHAA	20.82								
				G2G1359N-UHAA	20.77								
				G2G1356B-UHAA	20.73								
				G2G1353NB-UHAA	20.68								
				G2G1350-HAA	20.64								
				G2G1347-UHAA	20.59								
				G2G1344N-UHAA	20.54								
				G2G1341B-UHAA	20.50								
				G2G1338NB-UHAA	20.45								
				G2G1335-HAA	20.41								
				G2G1332-UHAA	20.36								
				G2G1329N-UHAA	20.31								
				G2G1326B-UHAA	20.27								
				G2G1323NB-UHAA	20.22								
				G2G1320-HAA	20.18								
				G2G1350-HAY	22.83								
				G2G1347-UHAY	22.78								
				G2G1344N-UHAY	22.73								
				G2G1341B-UHAY	22.68								
				G2G1338NB-UHAY	22.63								
				G2G1335-HAY	22.58								
				G2G1332-UHAY	22.53								
				G2G1329N-UHAY	22.48								
				G2G1326B-UHAY	22.43								
				G2G1323NB-UHAY	22.38								
				G2G1320-HAY	22.32								
				G2G1317-UHAY	22.27								
				G2G1314N-UHAY	22.22								
				G2G1311B-UHAY	22.17								
				G2G1308NB-UHAY	22.12								
				G2G1305-HAY	22.07								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1290-HAY (430Wp) (410Wp - 450Wp)	G2G1302-UHAY G2G1299N-UHAY G2G1296B-UHAY G2G1293NB-UHAY G2G1290-HAY G2G1287-UHAY G2G1284N-UHAY G2G1281B-UHAY G2G1278NB-UHAY G2G1275-HAY G2G1272-UHAY G2G1269N-UHAY G2G1266B-UHAY G2G1263NB-UHAY G2G1260-HAY G2G1257-UHAY G2G1254N-UHAY G2G1251B-UHAY G2G1248NB-UHAY G2G1245-HAY G2G1230-HAY G2G1215-HAY	22.02 21.97 21.92 21.87 21.82 21.77 21.72 21.67 21.61 21.56 21.51 21.46 21.41 21.36 21.31 21.26 21.21 21.16 21.11 21.06 20.80 20.55	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1185-HAY (395Wp) (390Wp - 405Wp)	G2G1200-HAY G2G1185-HAY G2G1170-HAY	20.30 20.04 19.79	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1155-HAX (385Wp) (371Wp - 400Wp)	G2G1200-HAX G2G1197-UHAX G2G1194N-UHAX G2G1191B-UHAX G2G1188NB-UHAX G2G1185-HAX G2G1182-UHAX G2G1179N-UHAX G2G1176B-UHAX G2G1173NB-UHAX G2G1170-HAX G2G1167-UHAX G2G1164N-UHAX G2G1161B-UHAX G2G1158NB-UHAX G2G1155-HAX G2G1152-UHAX G2G1149N-UHAX G2G1146B-UHAX G2G1143NB-UHAX G2G1140-HAX G2G1125-HAX G2G1122-UHAX G2G1119N-UHAX G2G1116B-UHAX G2G1113NB-UHAX G2G1110-HAX	22.70 22.64 22.58 22.53 22.47 22.41 22.36 22.30 22.24 22.19 22.13 22.07 22.02 21.96 21.90 21.85 21.79 21.73 21.68 21.62 21.56 21.28 21.22 21.17 21.11 21.05 21.00	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1065-HAX (355Wp) (340Wp - 370Wp)	G2G1107-UHAX G2G1104N-UHAX G2G1101B-UHAX G2G1098NB-UHAX G2G1095-HAX G2G1092-UHAX G2G1089N-UHAX G2G1086B-UHAX G2G1083NB-UHAX G2G1080-HAX G2G1077-UHAX G2G1074N-UHAX G2G1071B-UHAX G2G1068NB-UHAX G2G1065-HAX G2G1062-UHAX G2G1059N-UHAX G2G1056B-UHAX G2G1053NB-UHAX G2G1050-HAX	20.94 20.88 20.83 20.77 20.71 20.66 20.60 20.54 20.49 20.43 20.37 20.32 20.26 20.20 20.14 20.09 20.03 19.97 19.92 19.86	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1005-HAC (335Wp) (321Wp - 350Wp)	G2G1035-HAX	19.58	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G1020-HAX	19.29				
								G2G1050-HAC	22.53				
								G2G1047-UHAC	22.46				
								G2G1044N-UHAC	22.40				
								G2G1041B-UHAC	22.34				
								G2G1038NB-UHAC	22.27				
								G2G1035-HAC	22.21				
								G2G1032-UHAC	22.14				
								G2G1029N-UHAC	22.08				
								G2G1026B-UHAC	22.01				
								G2G1023NB-UHAC	21.95				
								G2G1020-HAC	21.88				
								G2G1017-UHAC	21.82				
								G2G1014N-UHAC	21.76				
								G2G1011B-UHAC	21.69				
								G2G1008NB-UHAC	21.63				
								G2G1005-HAC	21.56				
								G2G1002-UHAC	21.50				
								G2G999N-UHAC	21.43				
								G2G996B-UHAC	21.37				
								G2G993NB-UHAC	21.31				
								G2G990-HAC	21.24				
								G2G987-UHAC	21.18				
								G2G984N-UHAC	21.11				
								G2G981B-UHAC	21.05				
								G2G978NB-UHAC	20.98				
								G2G975-HAC	20.92				
								G2G972-UHAC	20.86				
								G2G969N-UHAC	20.79				
								G2G966B-UHAC	20.73				
								G2G963NB-UHAC	20.66				
								G2G960-HAC	20.60				
								G2G957-UHAC	20.53				
								G2G954N-UHAC	20.47				
								G2G951B-UHAC	20.40				
								G2G948NB-UHAC	20.34				
								G2G945-HAC	20.28				
								G2G942-UHAC	20.21				
								G2G939N-UHAC	20.15				
								G2G936B-UHAC	20.08				
								G2G933NB-UHAC	20.02				
								G2G930-HAC	19.95				
								G2G915-HAC	19.63				
								G2G912-UHAC	19.57				
								G2G909N-UHAC	19.50				
								G2G906B-UHAC	19.44				
								G2G903NB-UHAC	19.37				
								G2G900-HAC	19.31				
								G2G915-HAF	22.68				
								G2G912-UHAF	22.60				
								G2G909N-UHAF	22.53				
								G2G906B-UHAF	22.45				
G2G903NB-UHAF	22.38												
G2G900-HAF	22.31												
G2G897-UHAF	22.23												
G2G894N-UHAF	22.16												
G2G891B-UHAF	22.08												
G2G888NB-UHAF	22.01												
G2G885-HAF	21.93												
G2G882-UHAF	21.86												
G2G879N-UHAF	21.79												
G2G876B-UHAF	21.71												
G2G873NB-UHAF	21.64												
G2G870-HAF	21.56												
G2G867-UHAF	21.49												
G2G864N-UHAF	21.41												
G2G861B-UHAF	21.34												
G2G858NB-UHAF	21.27												
G2G855-HAF	21.19												
G2G852-UHAF	21.12												
G2G849N-UHAF	21.04												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2G846B-UHAF 20.97					
								G2G843NB-UHAF 20.89					
								G2G840-HAF 20.82					
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G810-HAF (270Wp) (260Wp - 280Wp)	G2G825-HAF 20.45		72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G810-HAF 20.08					
								G2G795-HAF 19.70					
								G2G780-HAF 19.33					
								G2X1770N-UHAD 22.82					
								G2X1767N-UHAD 22.78					
								G2X1764N-UHAD 22.74					
								G2X1761N-UHAD 22.70					
								G2X1758N-UHAD 22.66					
								G2X1755N-UHAD 22.63					
								G2X1752N-UHAD 22.59					
								G2X1749N-UHAD 22.55					
								G2X1746N-UHAD 22.51					
								G2X1743N-UHAD 22.47					
								G2X1740N-UHAD 22.43					
					xxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1740N-UHAD (580Wp) (567Wp - 590Wp)	G2X1737N-UHAD 22.39		144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1734N-UHAD 22.35					
								G2X1731N-UHAD 22.32					
								G2X1728N-UHAD 22.28					
								G2X1725N-UHAD 22.24					
								G2X1722N-UHAD 22.20					
								G2X1719N-UHAD 22.16					
								G2X1716N-UHAD 22.12					
								G2X1713N-UHAD 22.08					
								G2X1710N-UHAD 22.04					
								G2X1707N-UHAD 22.01					
								G2X1704N-UHAD 21.97					
								G2X1701N-UHAD 21.93					
								G2X1650N-UHAB 23.01					
								G2X1647N-UHAB 22.97					
								G2X1644N-UHAB 22.92					
								G2X1641N-UHAB 22.88					
								G2X1638N-UHAB 22.84					
								G2X1635N-UHAB 22.80					
								G2X1632N-UHAB 22.76					
								G2X1629N-UHAB 22.71					
								G2X1626N-UHAB 22.67					
								G2X1623N-UHAB 22.63					
								G2X1620N-UHAB 22.59					
								G2X1617N-UHAB 22.55		132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1614N-UHAB 22.51					
								G2X1611N-UHAB 22.46					
								G2X1608N-UHAB 22.42					
								G2X1605N-UHAB 22.38					
								G2X1590N-UHAB 22.17					
								G2X1575N-UHAB 21.96					
								G2X1560N-UHAB 21.75					
								G2X1545N-UHAB 21.54					
								G2X1530N-UHAB 21.33					
								G2X1515N-UHAB 21.12					
								G2X1500N-UHAA 22.93					
								G2X1497N-UHAA 22.88					
								G2X1494N-UHAA 22.84					
								G2X1491N-UHAA 22.79					
								G2X1488N-UHAA 22.74					
								G2X1485N-UHAA 22.70					
								G2X1482N-UHAA 22.65					
								G2X1479N-UHAA 22.61					
								G2X1476N-UHAA 22.56					
								G2X1473N-UHAA 22.51		120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1470N-UHAA 22.47					
								G2X1467N-UHAA 22.42					
								G2X1464N-UHAA 22.38					
								G2X1461N-UHAA 22.33					
								G2X1458N-UHAA 22.29					
								G2X1455N-UHAA 22.24					
								G2X1440N-UHAA 22.01					
								G2X1425N-UHAA 21.78					
								G2X1410N-UHAA 21.55					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity											
												From	To (subject to valid BIS Registration; else deemed to be delisted)										
					XL	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1320N-UHAY (440Wp) (425Wp - 450Wp)	G2X1350N-UHAY	22.83	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027										
								G2X1347N-UHAY	22.78														
								G2X1344N-UHAY	22.73														
								G2X1341N-UHAY	22.68														
								G2X1338N-UHAY	22.63														
								G2X1335N-UHAY	22.58														
								G2X1332N-UHAY	22.53														
								G2X1329N-UHAY	22.48														
								G2X1326N-UHAY	22.43														
								G2X1323N-UHAY	22.37														
								G2X1320N-UHAY	22.32														
								G2X1305N-UHAY	22.07														
								G2X1290N-UHAY	21.82														
								G2X1275N-UHAY	21.56														
								G2X1200N-UHAX	22.70														
								G2X1185N-UHAX	22.41														
								G2X1170N-UHAX	22.13														
								G2X1155N-UHAX	21.85														
								G2X1140N-UHAX	21.56														
																	XLI	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1170N-UHAX (390Wp) (380Wp - 400Wp)	G2X1050N-UHAC	22.53	96 (Half Cut Cells)	1500
					G2X1035N-UHAC	22.21																	
					G2X1020N-UHAC	21.88																	
					G2X1005N-UHAC	21.56																	
										XLII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1035N-UHAC (345Wp) (335Wp - 350Wp)	G2X915N-UHAF	22.68	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
													G2X900N-UHAF	22.31									
													G2X885N-UHAF	21.93									
													G2X870N-UHAF	21.56									
										XLIII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X885N-UHAF (295Wp) (285Wp - 305Wp)	G2X855N-UHAF	21.19	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
													G2X840N-UHAF	20.82									
													G2X825N-UHAF	20.45									
													G2X810N-UHAF	20.07									
					9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	442	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	10.11.2023	09.11.2027					
													NOVA255MP48	19.2									
															ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA260MP48	19.6	48 (Full Cell)	1500	10.11.2023	09.11.2027
																		NOVA315MP60	19.2				
															iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA320MP60	19.5	60 (Full Cell)	1500	10.11.2023	09.11.2027
																		NOVA325MP60	19.8				
																		NOVA330MP60	20.1				
																		NOVA340MP66	19				
															iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA345MP66	19.3	66 (Full Cell)	1500	10.11.2023	09.11.2027
NOVA350MP66	19.6																						
NOVA355MP66	19.9																						
NOVA360MP66	20.1																						
										v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA285MP54	19.2	54 (Full Cell)	1500	10.11.2023	09.11.2027					
													NOVA290MP54	19.5									
													NOVA295MP54	19.9									
													NOVA380MP72	19.14									
										vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA385MP72	19.4	72 (Full Cells)	1500	10.11.2023	09.11.2027					
													NOVA390MP72	19.65									
													NOVA395MP72	19.9									
													NOVA380MP144	19									
										vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA385MP144	19.3	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
													NOVA390MP144	19.5									
													NOVA395MP144	19.8									
													NOVA335MP96	19.06									
										viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA340MP96	19.35	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
													NOVA345MP96	19.63									
													NOVA350MP96	19.92									
													NOVA355MP96	20.21									
										ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA360MP96	20.5	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
													NOVA365MP96	20.78									
													NOVA255MP72	19.06									
													NOVA260MP72	19.45									
										x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA265MP72	19.81	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
													NOVA270MP72	20.19									
													NOVA275MP72	20.57									
													NOVA375MP108	19.11									
													NOVA380MP108	19.37									
													NOVA385MP108	19.63									
													NOVA390MP108	19.88									
													NOVA395MP108	20.14									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								NOVA400MP108	20.4				
								NOVA405MP108	20.66				
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA410MP108	20.91	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA415MP108	21.17				
								NOVA415MP120	19.11				
								NOVA420MP120	19.34				
								NOVA425MP120	19.57				
								NOVA430MP120	19.8				
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA435MP120	20.03	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA440MP120	20.26				
								NOVA445MP120	20.49				
								NOVA450MP120	20.72				
								NOVA455MP120	20.95				
					xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA460MP 120	21.18	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA455MP132	19.2				
								NOVA460MP132	19.41				
								NOVA465MP132	19.62				
								NOVA470MP132	19.83				
					xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA475MP132	20.04	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA480MP132	20.25				
								NOVA485MP132	20.46				
								NOVA490MP132	20.67				
								NOVA495MP132	20.89				
					xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA500MP132	21.1	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA505MP132	21.31				
								NOVA495MP144	19.16				
								NOVA500MP144	19.35				
								NOVA505MP144	19.54				
								NOVA510MP144	19.74				
								NOVA515MP144	19.94				
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA520MP144	20.13	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA525MP144	20.31				
								NOVA530MP144	20.51				
								NOVA535MP144	20.7				
								NOVA540MP144	20.89				
								NOVA545MP144	21.09				
					xvii	Mono c-Si PERC Modules	NOVA550MP144 (550Wp)	NOVA550MP144	21.28	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA265BF72 (265 Wp)	NOVA260BF72	19.43	72 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA265BF72	19.80				
								NOVA270BF72	20.18				
								NOVA275BF72	20.55				
					xix	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA355BF96 (355 Wp)	NOVA345BF96	19.63	96 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA350BF96	19.91				
								NOVA355BF96	20.20				
								NOVA360BF96	20.48				
								NOVA365BF96	20.77				
								NOVA380BF108	19.37				
								NOVA385BF108	19.62				
								NOVA390BF108	19.88				
								NOVA395BF108	20.13				
					xx	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA400BF108 (400 Wp)	NOVA400BF108	20.39	108 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA405BF108	20.64				
								NOVA410BF108	20.90				
								NOVA415BF108	21.15				
								NOVA425BF120	19.57				
								NOVA430BF120	19.80				
								NOVA435BF120	20.03				
								NOVA440BF120	20.26				
					xxi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA440BF120 (440 Wp)	NOVA445BF120	20.49	120 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA450BF120	20.72				
								NOVA455BF120	20.95				
								NOVA460BF120	21.18				
								NOVA465BF132	19.58				
								NOVA470BF132	19.79				
								NOVA475BF132	20.00				
								NOVA480BF132	20.21				
					xxii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA485BF132 (485 Wp)	NOVA485BF132	20.42	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass to Transparent Backsheet)		NOVA490BF132 NOVA495BF132 NOVA500BF132 NOVA505BF132 NOVA520BF144 NOVA525BF144 NOVA530BF144 NOVA535BF144 NOVA540BF144 NOVA545BF144 NOVA508BF144	20.63 20.84 21.06 21.27 20.13 20.32 20.52 20.71 20.90 21.10 21.29				
					xxiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA535BF144 (535 Wp)			144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
10	M/s. Pahal Solar Private Limited	Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad,Surat-394540, Gujarat, India	R-72001848	282	i	Mono c-Si PERC Modules	PS_540 (540Wp)	PS_550 PS_545 PS_540 PS_535 PS_530 PS_525	21.29 21.09 20.9 20.71 20.51 20.32	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_500 PS_495 PS_445	19.35 19.16 20.37	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_440 PS_435 PS_430	20.14 19.91 19.68	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_415	19	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_380 PS_375 PS_370	19.53 19.28 19.02	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					vi	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PSN_150 PSN_155 PSN_160 PSN_200	19.90 20.56 21.22 19.28	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					vii	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_205 PSN_210 PSN_215 PSN_220	19.76 20.24 20.72 21.21	56 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					viii	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_245 PSN_250 PSN_255 PSN_260 PSN_265	20.79 21.22 21.64 22.06 22.49	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ix	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_270 PSN_275 PSN_280 PSN_285 PSN_290 PSN_295	20.38 20.76 21.13 21.51 21.89 20.18	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					x	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_300 PSN_305 PSN_310 PSN_315	20.52 20.86 21.21 21.55	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xi	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_320 PSN_325 PSN_330 PSN_335 PSN_340 PSN_345 PSN_350	20.87 21.19 21.52 21.85 22.17 22.50 20.06	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xii	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_355 PSN_360 PSN_365 PSN_370 PSN_375	20.35 20.64 20.92 21.21 21.50	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiii	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_380 PSN_385	21.78 22.07	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiv	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_390	22.36	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_400	20.48				
								PSN_405	20.74				
								PSN_410	20.99				
								PSN_415	21.25				
								PSN_420	21.50				
					xv	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_425	21.76	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_430	22.02				
								PSN_435	22.27				
								PSN_440	22.53				
								PSN_445	22.78				
								PSN_450	23.04				
					xvi	Bifacial N-type TOPCon Modules	PSN_480 (480Wp)	PSN_460	21.26	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_465	21.49				
								PSN_470	21.72				
								PSN_475	21.95				
								PSN_480	22.18				
								PSN_485	22.41				
					xvii	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_490	22.64	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_495	22.87				
								PSN_500	21.07				
								PSN_505	21.28				
								PSN_510	21.49				
								PSN_515	21.70				
					xviii	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_520	21.91	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_525	22.13				
								PSN_530	22.34				
								PSN_535	20.71				
								PSN_540	20.90				
								PSN_545	21.09				
					xix	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_550	21.29	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_555	21.48				
								PSN_560	21.67				
								PSN_565	21.87				
								PSN_570	22.06				
								PSN_575	22.25				
i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	PSN_580	22.45	72 (Full Cells)	1500	10.11.2023	09.11.2027					
			PSN_585	20.91									
			PSN_590	21.09									
			PSN_595	21.27									
			PSN_600	21.45									
			PSN_605	21.63									
ii	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PSN_610	21.81	132 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PSN_615	21.99									
			PSN_620	22.17									
			PSN_625	22.34									
			PSN_630	22.52									
			PIX MP3 72 380	19.14									
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MP3 72 385	19.4	132 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MP3 72 390	19.65									
			PIX MP3 72 395	19.9									
			PIX MP3 72 400	20.15									
			PIX MPH 132 625	19.93									
			PIX MPH 132 630	20.09									
PIX MPH 132 635	20.25												
PIX MPH 132 640	20.41												
PIX MPH 132 645	20.57												
PIX MPH 132 650	20.72												
PIX MPH 132 655	20.88												
PIX MPH 132 660	21.04												
PIX MBHTB 132 625	19.93												
PIX MBHTB 132 630	20.09												
PIX MBHTB 132 635	20.25												
PIX MBHTB 132 640	20.41												
PIX MBHTB 132 645	20.57												

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								PIX MBHTB 132 650	20.72				
								PIX MBHTB 132 655	20.88				
								PIX MBHTB 132 660	21.04				
								PIX MPH 120 570	19.94				
					iv	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MPH 120 575	20.11	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PIX MPH 120 580	20.29					
							PIX MPH 120 585	20.46					
							PIX MPH 120 590	20.64					
							PIX MPH 120 595	20.81					
							PIX MPH 120 600	20.99					
							PIX MBHTB 120 570	19.94					
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MBHTB 120 575	20.11	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PIX MBHTB 120 580	20.29					
							PIX MBHTB 120 585	20.46					
							PIX MBHTB 120 590	20.64					
							PIX MBHTB 120 595	20.81					
							PIX MBHTB 120 600	20.99					
							PIX MPH 108 510	19.76					
					vi	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 108 515	19.95	108 (half cut cell)	1500	10.11.2023	09.11.2027
							PIX MPH 108 520	20.14					
							PIX MPH 108 525	20.34					
							PIX MPH 108 530	20.53					
							PIX MPH 108 535	20.73					
							PIX MPH 108 540	20.92					
							PIX MPHTB 108 510	19.76					
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPHTB 108 515	19.95	108 (Half cut cell)	1500	10.11.2023	09.11.2027
							PIX MPHTB 108 520	20.14					
							PIX MPHTB 108 525	20.34					
							PIX MPHTB 108 530	20.53					
							PIX MPHTB 108 535	20.73					
							PIX MPHTB 108 540	20.92					
							PIX MPH 156 560	20.00					
					viii	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 156 565	20.18	156 (Half cut cells)	1500	10.11.2023	09.11.2027
							PIX MPH 156 570	20.36					
							PIX MPH 156 575	20.54					
							PIX MPH 156 580	20.71					
							PIX MPH 156 585	20.89					
							PIX MPH 156 590	21.07					
							PIX MPH 156 595	21.25					
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MBHTB 156 560	20.00	156 (Half cut cells)	1500	10.11.2023	09.11.2027
							PIX MBHTB 156 565	20.18					
							PIX MBHTB 156 570	20.36					
							PIX MBHTB 156 575	20.54					
							PIX MBHTB 156 580	20.71					
							PIX MBHTB 156 585	20.89					
							PIX MBHTB 156 590	21.07					
							PIX MBHTB 156 595	21.25					
					x	Mono c-Si PERC Module	PIX MPHB 144 535 (535Wp)	PIX MPHB 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
							PIX MPHB 144 515	19.94					
							PIX MPHB 144 520	20.13					
							PIX MPHB 144 525	20.32					
							PIX MPHB 144 530	20.52					
							PIX MPHB 144 535	20.71					
							PIX MPHB 144 540	20.90					
							PIX MPHB 144 545	21.09					
					xi	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
							PIX MPH 144 515	19.94					
							PIX MPH 144 520	20.13					
							PIX MPH 144 525	20.32					
							PIX MPH 144 530	20.52					
							PIX MPH 144 535	20.71					
							PIX MPH 144 540	20.90					
							PIX MPH 144 545	21.09					
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027
							PIX MBHTB 144 515	19.94					
							PIX MBHTB 144 520	20.13					
							PIX MBHTB 144 525	20.32					
							PIX MBHTB 144 530	20.52					
							PIX MBHTB 144 535	20.71					
							PIX MBHTB 144 540	20.90					
							PIX MBHTB 144 545	21.09					
							PIX MPH 132 470	19.74					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiii	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 475 PIX MPH 132 480 PIX MPH 132 485 PIX MPH 132 490 PIX MPH 132 495 PIX MPH 132 500	19.95 20.16 20.37 20.58 20.79 21.00	132 (Half cut cell)	1500	10.11.2023	09.11.2027
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 470 PIX MBHTB 132 475 PIX MBHTB 132 480 PIX MBHTB 132 485 PIX MBHTB 132 490 PIX MBHTB 132 495 PIX MBHTB 132 500	19.74 19.95 20.16 20.37 20.58 20.79 21.00	132 (Half cut cell)	1500	10.11.2023	09.11.2027
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 156 575 (575 Wp)	PIX MBHDTB 156 560 PIX MBHDTB 156 565 PIX MBHDTB 156 570 PIX MBHDTB 156 575 PIX MBHDTB 156 580 PIX MBHDTB 156 585 PIX MBHDTB 156 590 PIX MBHDTB 156 595	20.00 20.18 20.36 20.54 20.72 20.89 21.07 21.25	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 144 525 (525 Wp)	PIX MBHDTB 144 510 PIX MBHDTB 144 515 PIX MBHDTB 144 520 PIX MBHDTB 144 525 PIX MBHDTB 144 530 PIX MBHDTB 144 535 PIX MBHDTB 144 540 PIX MBHDTB 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 132 485 (485 Wp)	PIX MBHDTB 132 470 PIX MBHDTB 132 475 PIX MBHDTB 132 480 PIX MBHDTB 132 485 PIX MBHDTB 132 490 PIX MBHDTB 132 495 PIX MBHDTB 132 500	19.75 19.96 20.17 20.38 20.59 20.80 21.01	132 (Half cut cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 120 440 (440 Wp)	PIX MBHDTB 120 420 PIX MBHDTB 120 425 PIX MBHDTB 120 430 PIX MBHDTB 120 435 PIX MBHDTB 120 440 PIX MBHDTB 120 445 PIX MBHDTB 120 450 PIX MBHDTB 120 455	19.35 19.58 19.81 20.04 20.27 20.50 20.73 20.96	120 (Half cut cells)	1500	10.11.2023	09.11.2027
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 108 395 (395 Wp)	PIX MBHDTB 108 375 PIX MBHDTB 108 380 PIX MBHDTB 108 385 PIX MBHDTB 108 390 PIX MBHDTB 108 395 PIX MBHDTB 108 400 PIX MBHDTB 108 405 PIX MBHDTB 108 410	19.10 19.36 19.61 19.87 20.12 20.38 20.63 20.89	108 (Half cut cells)	1500	10.11.2023	09.11.2027
					xx	Mono c-Si PERC Module	PIX MPH 156 575 (575 Wp)	PIX MPH 156 560 PIX MPH 156 565 PIX MPH 156 570 PIX MPH 156 575 PIX MPH 156 580 PIX MPH 156 585 PIX MPH 156 590 PIX MPH 156 595	20.00 20.18 20.36 20.54 20.72 20.89 21.07 21.25	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					xxi	Mono c-Si PERC Module	PIX MPH 144 530 (530 Wp)	PIX MPH 144 510 PIX MPH 144 515 PIX MPH 144 520 PIX MPH 144 525 PIX MPH 144 530 PIX MPH 144 535 PIX MPH 144 540 PIX MPH 144 545 PIX MPH 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xxii	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 470 PIX MPH 132 475 PIX MPH 132 480 PIX MPH 132 485	19.75 19.96 20.17 20.38	132 (Half cut cells)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					xxiii	Mono c-Si PERC Module	PIX MPHD 120 440 (440 Wp)	PIX MPHD 132 490	20.59	120 (Half cut cells)	1500	10.11.2023	09.11.2027							
								PIX MPHD 132 495	20.80											
								PIX MPHD 132 500	21.01											
								PIX MPHD 120 420	19.35											
								PIX MPHD 120 425	19.58											
								PIX MPHD 120 430	19.81											
								PIX MPHD 120 435	20.04											
								PIX MPHD 120 440	20.27											
								PIX MPHD 120 445	20.50											
								PIX MPHD 120 450	20.73											
								PIX MPHD 120 455	20.96											
								xxiv	Mono c-Si PERC Module					PIX MPHD 108 395 (395 Wp)	PIX MPHD 108 375	19.10	108 (Half cut cells)	1500	10.11.2023	09.11.2027
					PIX MPHD 108 380	19.36														
					PIX MPHD 108 385	19.61														
					PIX MPHD 108 390	19.87														
					PIX MPHD 108 395	20.12														
					PIX MPHD 108 400	20.38														
					PIX MPHD 108 405	20.63														
					PIX MPHD 108 410	20.89														
					ALP380WM (380 Wp)	19.38	72 (Full Cells)			1500	10.11.2023	09.11.2027								
					ALP385WM (385 Wp)	19.64														
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP24L565WM-T (565 Wp)			ALP24L540WM-T	20.90	144 (Half Cut Cells)	1500		10.11.2023	09.11.2027				
										ALP24L545WM-T	21.10									
								ALP24L550WM-T	21.29											
ALP24L555WM-T	21.48																			
ALP24L560WM-T	21.68																			
ALP24L565WM-T	21.87																			
ALP24L570WM-T	22.07																			
ALP24L575WM-T	22.26																			
ALP24L580WM-T	22.45																			
ALP24L585WM-T	22.65																			
ALP24L590WM-T	22.84																			
iii	Mono c-Si PERC Module	ALP24L540WM (540Wp)	ALP24L520WM	20.13				144 (Half Cut Cells)	1500	10.11.2023	09.11.2027									
			ALP24L525WM	20.32																
			ALP24L530WM	20.52																
			ALP24L535WM	20.71																
			ALP24L540WM	20.90																
			ALP24L545WM	21.10																
			ALP24L550WM	21.29																
			ALP24L555WM	21.48																
			ALP24L560WM	21.68																
			ALP22L480WM	20.21	132 (Half Cut Cells)	1500	10.11.2023					09.11.2027								
			ALP22L485WM	20.42																
			ALP22L490WM	20.64																
ALP22L495WM	20.85																			
ALP22L500WM	21.06																			
ALP22L505WM	21.27																			
ALP22L510WM	21.48																			
ALP22L515WM	21.69																			
ALP22L495WM-T	20.85	132 (Half Cut Cells)	1500	10.11.2023				09.11.2027												
ALP22L500WM-T	21.06																			
ALP22L505WM-T	21.27																			
ALP22L510WM-T	21.48																			
ALP22L515WM-T	21.69																			
ALP20L435WM	20.06				120 (Half Cut Cells)	1500	10.11.2023		09.11.2027											
ALP20L440WM	20.29																			
ALP20L445WM	20.52																			
ALP20L450WM	20.75																			
ALP20L455WM	20.99																			
ALP20L460WM	21.22																			
ALP20L465WM	21.45																			
ALP20L470WM	21.68																			
ALP20L475WM	21.91																			
ALP20L450WM-T	20.75	120 (Half Cut Cells)	1500	10.11.2023				09.11.2027												
ALP20L455WM-T	20.99																			
ALP20L460WM-T	21.22																			
ALP20L465WM-T	21.45																			
ALP20L470WM-T	21.68																			
ALP20L475WM-T	21.91																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Mono c-Si PERC Module	ALP18L410WM (410Wp)	ALP18L390WM ALP18L395WM ALP18L400WM ALP18L405WM ALP18L410WM ALP18L415WM ALP18L420WM ALP18L425WM	19.95 20.20 20.46 20.72 20.97 21.23 21.48 21.74	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP18L415WM-T (415Wp)	ALP18L405WM-T ALP18L410WM-T ALP18L415WM-T ALP18L420WM-T ALP18L425WM-T	20.72 20.97 21.23 21.48 21.74	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					x	Mono c-Si PERC Module	ALP16L360WM (360Wp)	ALP16L345WM ALP16L350WM ALP16L355WM ALP16L360WM ALP16L365WM ALP16L370WM ALP16L375WM	19.75 20.04 20.33 20.61 20.90 21.19 21.47	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP16L365WM-T (365Wp)	ALP16L360WM-T ALP16L365WM-T ALP16L370WM-T ALP16L375WM-T	20.61 20.90 21.19 21.47	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xii	Mono c-Si PERC Module	ALP14L325WM (325Wp)	ALP14L310WM ALP14L315WM ALP14L320WM ALP14L325WM ALP14L330WM ALP14L335WM ALP14L340WM	20.17 20.5 20.83 21.15 21.48 21.8 22.13	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP14L325WM-T (325Wp)	ALP14L315WM-T ALP14L320WM-T ALP14L325WM-T ALP14L330WM-T ALP14L335WM-T ALP14L340WM-T	20.50 20.83 21.15 21.48 21.80 22.13	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiv	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP12L265WM ALP12L270WM ALP12L275WM ALP12L280WM ALP12L285WM	19.97 20.35 20.73 21.10 21.48	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP12L275WM-T (275Wp)	ALP12L270WM-T ALP12L275WM-T ALP12L280WM-T ALP12L285WM-T	20.35 20.73 21.10 21.48	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xvi	Mono c-Si PERC Module	ALP11L235WM (235Wp)	ALP11L225WM ALP11L230WM ALP11L235WM ALP11L240WM ALP11L245WM	19.02 19.45 19.87 20.29 20.71	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	ALP11L245WM-T (245Wp)	ALP11L240WM-T ALP11L245WM-T ALP11L250WM-T	20.29 20.71 21.14	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xviii	Mono c-Si PERC Module	ALP08L185WM (185Wp)	ALP08L180WM ALP08L185WM ALP08L190WM	19.74 20.29 20.84	48 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent)	ALP08L185WM-T (185Wp)	ALP08L180WM-T ALP08L185WM-T ALP08L190WM-T	19.74 20.29 20.84	48 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xx	Mono c-Si PERC Module	ALP07L150WM (150Wp)	ALP07L150WM ALP07L155WM	19.77 20.43	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxi	Bifacial Mono c-Si PERC Module	ALP07L150WM-T (150Wp)	ALP07L150WM-T ALP07L155WM-T	19.77 20.43	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxii	Mono c-Si PERC Module	ALP06L135WM (135Wp)	ALP06L135WM ALP06L140WM	19.20 19.91	36 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxiii	Bifacial Mono c-Si PERC Module	ALP06L135WM-T (135Wp)	ALP06L135WM-T ALP06L140WM-T	19.20 19.91	36 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxiv	Mono c-Si PERC Module	ALP05L120WM (120Wp)	ALP05L120WM ALP05L125WM	19.43 20.24	32 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xxv	Bifacial Mono c-Si PERC Module	ALP05L120WM-T (120Wp)	ALP05L120WM-T ALP05L125WM-T	19.43 20.24	32 (Half Cut Cells)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
13	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	R-61002070	1408	i	Mono c-Si PERC Modules	SOMERA VSMH.72.550.05 (550 Wp)	SOMERA VSMH.72.555.05	21.52	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.72.550.05	21.33				
								SOMERA VSMH.72.545.05	21.13				
								SOMERA VSMH.72.540.05	20.94				
					ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.60.455.05	21.05				
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.565.05	21.91	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.72.560.05	21.72				
								PARADEA VSMDH.72.555.05	21.52				
								PARADEA VSMDH.72.550.05	21.33				
								PARADEA VSMDH.72.545.05	21.13				
								PARADEA VSMDH.72.540.05	20.94				
					iv	Mono c-Si PERC Modules	PREXOS VSMDH.72.535.05 (535 Wp)	PREXOS VSMDH.72.535.05	20.75	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PREXOS VSMDH.72.530.05	20.55				
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.66.650.05 (650 Wp)	PARADEA VSMDH.66.660.05	21.25	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.66.655.05	21.09				
								PARADEA VSMDH.66.650.05	20.92				
								PARADEA VSMDH.66.645.05	20.76				
								PARADEA VSMDH.66.640.05	20.60				
								PARADEA VSMDH.66.635.05	20.44				
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.60.590.05 (590 Wp)	PARADEA VSMDH.60.600.05	21.20	120(Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.60.595.05	21.02				
								PARADEA VSMDH.60.590.05	20.85				
								PARADEA VSMDH.60.585.05	20.67				
					vii	Mono c-Si PERC Modules	SOMERA VSMH.66.655.05 (655 Wp)	PARADEA VSMDH.60.580.05	20.50	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.66.670.05	21.57				
								SOMERA VSMH.66.665.05	21.41				
								SOMERA VSMH.66.660.05	21.25				
								SOMERA VSMH.66.655.05	21.09				
								SOMERA VSMH.66.650.05	20.92				
					viii	Mono c-Si PERC Modules	SOMERA VSMH.60.600.05 (600 Wp)	SOMERA VSMH.66.645.05	20.76	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.66.640.05	20.60				
								SOMERA VSMH.60.610.05	21.55				
								SOMERA VSMH.60.605.05	21.38				
								SOMERA VSMH.60.600.05	21.20				
								SOMERA VSMH.60.595.05	21.02				
					ix	Mono c-Si PERC Modules	SOMERA VSMH.72.450.05 (450 Wp)	SOMERA VSMH.60.590.05	20.85	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.60.585.05	20.67				
								SOMERA VSMH.60.580.05	20.49				
								SOMERA VSMH.72.455.05	20.46				
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.72.600.05 (600 Wp)	SOMERA VSMH.72.450.05	20.23	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.72.445.05	20.01				
								SOMERA VSMH.72.440.05	19.79				
								PARADEA VSMDH.78.615.03	22.08				
								PARADEA VSMDH.78.610.04	21.90				
								PARADEA VSMDH.78.605.05	21.72				
xi	Bifacial N Type TOPCon Modules (Glass to Glass)	HYPER SOL VSMDH.72.585.05 (585 Wp)	PARADEA VSMDH.78.600.05	21.54	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			PARADEA VSMDH.78.595.05	21.36									
			PARADEA VSMDH.78.590.05	21.18									
			PARADEA VSMDH.78.585.05	21.00									
			PARADEA VSMDH.78.580.05	20.83									
			HYPER SOL VSMDH.72.610.05	23.61									
			HYPER SOL VSMDH.72.605.05	23.42									
			HYPER SOL VSMDH.72.600.05	23.23									
			HYPER SOL VSMDH.72.595.05	23.03									
			HYPER SOL VSMDH.72.590.05	22.84									
xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	PREXOS VSMDH.72.550.05 (550 Wp)	HYPER SOL VSMDH.72.585.05	22.65	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			HYPER SOL VSMDH.72.580.05	22.45									
			HYPER SOL VSMDH.72.575.05	22.26									
			HYPER SOL VSMDH.72.570.05	22.07									
			HYPER SOL VSMDH.72.565.05	21.87									
			HYPER SOL VSMDH.72.560.05	21.68									
xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	PREXOS VSMDH.72.550.05 (550 Wp)	HYPER SOL VSMDH.72.580.05	22.45	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			PREXOS VSMDH.72.560.05	21.72									
			PREXOS VSMDH.72.555.05	21.52									
			PREXOS VSMDH.72.550.05	21.33									
14	M/s. Contendre Greenery Pvt. Ltd.	Unit No: 1/6, Rajlaxmi HiTech Industrial Park, Sonale Village,	R-71013196	49			CG MB72-395	19.17					
							CG MB72-400	19.41					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
16	Rayzon Solar Private Limited	Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India.	R-72002305	3006	xv	Mono c-Si PERC Module	ECE144M545 (545 Wp)	ECE144M525	20.32	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
								ECE144M530	20.51								
								ECE144M535	20.71								
								ECE144M540	20.90								
								ECE144M545	21.09								
								ECE144M550	21.29								
								ECE144M555	21.48								
								ECE144M560	21.67								
								ECE156M460	19.30								
					xvi	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE156M465	19.51	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
								ECE156M470	19.72								
								ECE156M475	19.93								
								ECE156M480	20.14								
								ECE156M485	20.35								
								ECE156M570	20.39								
					xvii	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M575	20.57	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
								ECE156M580	20.74								
								ECE156M585	20.92								
								RS385WC	19.72					108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS390WC	19.96								
								RS395WC	20.22								
RS400WC	20.47																
RS405WC	20.75																
RS410WC	20.97																
RS415WC	21.22																
RS420WC	21.48																
RS425WC	19.67	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028												
RS430WC	19.88																
RS435WC	20.12																
RS440WC	20.37																
RS445WC	20.60																
RS450WC	20.84																
RS455WC	21.00																
RS460WC	21.23																
RS465WC	21.47																
iii	Mono c-Si PERC Modules	RS490WC (490 Wp)	RS470WC	19.84	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028									
			RS475WC	20.02													
			RS480WC	20.26													
			RS485WC	20.46													
			RS490WC	20.66													
			RS495WC	20.87													
			RS500WC	21.06													
			RS505WC	21.28													
			RS510WC	21.49													
iv	Mono c-Si PERC Modules	RS535WC (535 Wp)	RS515WC	19.96	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028									
			RS520WC	20.17													
			RS525WC	20.34													
			RS530WC	20.55													
			RS535WC	20.74													
			RS540WC	20.94													
			RS545WC	21.10													
			RS550WC	21.32													
			RS555WC	21.52													
			RS560WC	21.71													
v	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB530WC (530 Wp)	RSB505WC	19.56	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028									
			RSB510WC	19.79													
			RSB515WC	19.99													
			RSB520WC	20.18													
			RSB525WC	20.37													
			RSB530WC	20.56													
			RSB535WC	20.75													
			RSB540WC	20.94													
			RSB545WC	21.13													
			RSB550WC	21.32													
Bifacial Mono c-Si PERC Modules			RSB460WC	19.40													
			RSB465WC	19.60													
			RSB470WC	19.84													
			RSB475WC	20.02													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Modules (Glass to Transparent Backsheet)	RSB480WC (480 Wp)	RSB480WC	20.26	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB485WC	20.46				
								RSB490WC	20.66				
								RSB495WC	20.87				
								RSB500WC	21.08				
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB435WC (435 Wp)	RSB415WC	19.18	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB420WC	19.42				
								RSB425WC	19.65				
								RSB430WC	19.86				
								RSB435WC	20.10				
								RSB440WC	20.35				
								RSB445WC	20.58				
								RSB450WC	20.81				
								RSB455WC	21.02				
								RSB380WC	19.47				
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB390WC (390 Wp)	RSB385WC	19.72	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB390WC	19.96				
								RSB395WC	20.22				
								RSB400WC	20.47				
								RSB405WC	20.75				
					ix	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG530WC (530 Wp)	RSB410WC	21.00	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG505WC	19.57				
								RSG510WC	19.76				
								RSG515WC	19.95				
								RSG520WC	20.15				
								RSG525WC	20.34				
								RSG530WC	20.53				
								RSG535WC	20.73				
								RSG540WC	20.92				
								RSG545WC	21.12				
								RSG550WC	21.31				
								RSG555WC	21.50				
								RSG460WC	19.40				
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG480WC (480 Wp)	RSG465WC	19.60	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG470WC	19.84				
								RSG475WC	20.02				
								RSG480WC	20.26				
								RSG485WC	20.46				
								RSG490WC	20.66				
								RSG495WC	20.87				
								RSG500WC	21.08				
								RSG415WC	19.18				
								RSG420WC	19.42				
					xi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG435WC (435 Wp)	RSG425WC	19.65	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG430WC	19.86				
								RSG435WC	20.10				
								RSG440WC	20.35				
								RSG445WC	20.58				
RSG450WC	20.81												
RSG455WC	21.02												
xii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG390WC (390 Wp)	RSG380WC	19.47	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			RSG385WC	19.72									
			RSG390WC	19.96									
			RSG395WC	20.22									
			RSG400WC	20.47									
			RSG405WC	20.75									
			RSG410WC	21.00									
xii	Bifacial N Type TOPCon Module	RS560144TGC	RSS35144TGC	20.73	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			RS540144TGC	20.92									
			RS545144TGC	21.12									
			RS550144TGC	21.31									
			RS555144TGC	21.50									
			RS560144TGC	21.70									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
						(Glass to Glass)	(560 Wp)	RS565144TGC	21.89								
								RS570144TGC	22.08								
								RS575144TGC	22.28								
								RS580144TGC	22.47								
								RS585144TGC	22.66								
					xiv	Bifacial N Type TOPCon Module (Glass to Glass)	RS510132TGC (510 Wp)	RS485132TGC	20.43	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
							RS490132TGC	20.64									
							RS495132TGC	20.85									
							RS500132TGC	21.06									
							RS505132TGC	21.27									
							RS510132TGC	21.49									
							RS515132TGC	21.70									
							RS520132TGC	21.91									
							RS525132TGC	22.12									
							RS530132TGC	22.33									
							RS535132TGC	22.54									
					xv	Bifacial N Type TOPCon Module (Glass to Glass)	RS465120TGC (465 Wp)	RS445120TGC	20.54					120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RS450120TGC	20.77									
							RS455120TGC	21.00									
							RS460120TGC	21.23									
							RS465120TGC	21.46									
							RS470120TGC	21.70									
							RS475120TGC	21.93									
							RS480120TGC	22.16									
							RS485120TGC	22.39									
							RS395108TGC	20.24									
							RS400108TGC	20.50									
					xvi	Bifacial N Type TOPCon Module (Glass to Glass)	RS415108TGC (415 Wp)	RS405108TGC	20.76	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
							RS410108TGC	21.01									
							RS415108TGC	21.27									
							RS420108TGC	21.53									
							RS425108TGC	21.78									
							RS430108TGC	22.04									
							RS435108TGC	22.30									
					xvii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG560WC (560 Wp)	RSG560WC	21.70					144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB560WC (560 Wp)	RSB555WC	21.50					144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSB560WC	21.70									
					xix	Bifacial N Type TOPCon Module (Glass to Glass)	RS600144TGC (600 Wp)	RS600144TGC	23.25					144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RS595144TGC	23.05									
							RS590144TGC	22.86									
17	M/s. Kosol Energie Pvt. Ltd.	Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad-382220, Gujarat, India.	R-72003417	637	i	Mono c-Si PERC Modules	KE550M (550 Wp)	KE570M	22.06	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
							KE565M	21.87									
							KE560M	21.68									
							KE555M	21.48									
							KE550M	21.29									
							KE545M	21.10									
							KE540M	20.90									
							KE535M	20.71									
							KE530M	20.52									
							KE570T	22.06									
							KE565T	21.87									
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE550T (550 Wp)	KE560T	21.68					144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							KE555T	21.48									
							KE550T	21.29									
							KE545T	21.10									
							KE540T	20.90									
							KE535T	20.71									
							KE530T	20.52									
							KE460M	21.21									
							KE455M	20.98									
							KE450M	20.75									
							KE445M	20.52									
					iii	Mono c-Si PERC Modules	KE445M (445 Wp)	KE440M	20.29	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
							KE435M	20.06									
							KE430M	19.83									
							KE460T	21.21									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE445T (445 Wp)	KE455T	20.98	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE450T	20.75				
								KE445T	20.52				
								KE440T	20.29				
								KE435T	20.06				
					v	Mono c-Si PERC Modules	KE400M (400 Wp)	KE430T	19.83	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE415M	21.24				
								KE410M	20.98				
								KE405M	20.73				
								KE400M	20.47				
vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE400T (400 Wp)	KE395M	20.22	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			KE390M	19.96									
			KE385M	19.70									
			KE415T	21.24									
			KE410T	20.98									
vii	Mono c-Si PERC Modules	KE255M (255 Wp)	KE405T	20.73	48 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE400T	20.47									
viii	Mono c-Si PERC Modules	KE285M (285 Wp)	KE395T	20.22	54 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE390T	19.96									
ix	Mono c-Si PERC Modules	KE325M (325 Wp)	KE385T	19.70	60 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE255M	19.22									
			KE280M	19.05									
			KE285M	19.39									
			KE315M	19.17									
x	Mono c-Si PERC Modules	KE390M (390 Wp)	KE320M	19.47	72 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE325M	19.78									
			KE330M	20.08									
			KE335M	20.38									
			KE380M	19.16									
18	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	R-72001929	150	i	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-144MHC-TF-535 (535Wp)	KE390M	19.67	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE395M	19.92				
								CSPL-144MHC-TF-520	20.14				
								CSPL-144MHC-TF-525	20.33				
								CSPL-144MHC-TF-530	20.52				
								CSPL-144MHC-TF-535	20.72				
								CSPL-144MHC-TF-540	20.91				
								CSPL-144MHC-TF-545	21.11				
								CSPL-144MHC-TF-550	21.30				
								CSPL-144MHC-TF-555	21.49				
ii	Mono c-Si PERC Module	CSPL-144MHC-WF-535 (535Wp)	CSPL-144MHC-TF-560	21.69	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-144MHC-WF-520	20.14									
			CSPL-144MHC-WF-525	20.33									
			CSPL-144MHC-WF-530	20.52									
			CSPL-144MHC-WF-535	20.72									
			CSPL-144MHC-WF-540	20.91									
			CSPL-144MHC-WF-545	21.11									
			CSPL-144MHC-WF-550	21.30									
			CSPL-144MHC-WF-555	21.49									
			CSPL-144MHC-WF-560	21.69									
iii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-132MHC-TF-485 (485Wp)	CSPL-144MHC-WF-560	21.69	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-132MHC-TF-480	20.21									
			CSPL-132MHC-TF-485	20.42									
			CSPL-132MHC-TF-490	20.63									
			CSPL-132MHC-TF-495	20.84									
iv	Mono c-Si PERC Module	CSPL-132MHC-WF-485 (485Wp)	CSPL-132MHC-TF-480	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-132MHC-WF-485	20.42									
			CSPL-132MHC-WF-490	20.63									
			CSPL-132MHC-WF-495	20.84									
			CSPL-120MHC-TF-435	20.04									
v	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-120MHC-TF-440 (440Wp)	CSPL-120MHC-TF-440	20.27	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-120MHC-TF-445	20.50									
			CSPL-120MHC-TF-450	20.73									
			CSPL-120MHC-WF-435	20.04									
			CSPL-120MHC-WF-440	20.27									
vi	Mono c-Si PERC Module	CSPL-120MHC-WF-440 (440Wp)	CSPL-120MHC-WF-445	20.50	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-120MHC-WF-445	20.50									
			CSPL-120MHC-WF-450	20.73									
			CSPL-108MHC-TF-390	19.88									
			CSPL-108MHC-TF-395	20.14									
vii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-108MHC-TF-395 (395Wp)	CSPL-108MHC-TF-400	20.39	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-108MHC-TF-395	20.14									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Mono c-Si PERC Module	CSPL-108MHC-WF-395 (395Wp)	CSPL-108MHC-TF-405 CSPL-108MHC-WF-390 CSPL-108MHC-WF-395 CSPL-108MHC-WF-400 CSPL-108MHC-WF-405	20.65 19.88 20.14 20.39 20.65	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					ix	Mono c-Si PERC Modules.	CSPL24M390 (390 Wp)	CSPL24M380 CSPL24M385 CSPL24M390 CSPL24M395 CSPL24M400	19.15 19.41 19.66 19.91 20.16	72 (Full Cells)	1500	04.03.2024	03.03.2028
19	M/s. Redren Energy Pvt. Ltd	Survey No. 154/1, 154/2, Opposite Rangar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	77	i	Mono c-Si PERC Module	RPLUS24380 (380 Wp)	RPLUS24380	19.11	72 (Full Cells)	1500	05.04.2024	04.04.2028
					ii	Mono c-Si PERC Module	RPLUS20320 (320 Wp)	RPLUS20330 RPLUS20325 RPLUS20320 RPLUS20315 RPLUS18300	20.05 19.74 19.44 19.14 20.37	60 (Full Cells)	1500	05.04.2024	04.04.2028
					iii	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS18295 RPLUS18290 RPLUS18285	20.03 19.69 19.35	54 (Full Cells)	1500	05.04.2024	04.04.2028
					iv	Mono c-Si PERC Module	RSM10MP-72HCMF550 (550Wp)	RSM10MP-72HCMF550	21.29	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					v	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF545 RSM10MP-72HCMF540 RSM10MP-72HCMF535 RSM10MP-72HCMF530 RSM10MP-72HCMF525 RSM10MP-72HCMF520 RSM10MP-72HCMF515 RSM10MP-72HCMF510 RSM10MP-72HCMF505 RSM10MP-72HCMF500 RSM10MP-72HCMF495	21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.35 19.16	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					vi	Mono c-Si PERC Module	RSM10MP-66HCMF500 (500 Wp)	RSM10MP-66HCMF505 RSM10MP-66HCMF500 RSM10MP-66HCMF495 RSM10MP-66HCMF490 RSM10MP-66HCMF485 RSM10MP-66HCMF480 RSM10MP-66HCMF475	21.27 21.06 20.84 20.63 20.42 20.21 20.03	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					vii	Mono c-Si PERC Module	RSM10MP-66HCMF470 (470 Wp))	RSM10MP-66HCMF465 RSM10MP-66HCMF460 RSM10MP-66HCMF455	19.79 19.58 19.37 19.16	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					viii	Mono c-Si PERC Module	RSM10MP-60HCMF460 (460 Wp)	RSM10MP-60HCMF460	21.25	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					ix	Mono c-Si PERC Module	RSM10MP-60HCMF435 (435 Wp)	RSM10MP-60HCMF455 RSM10MP-60HCMF450 RSM10MP-60HCMF445 RSM10MP-60HCMF440 RSM10MP-60HCMF435 RSM10MP-60HCMF430 RSM10MP-60HCMF425 RSM10MP-60HCMF420 RSM10MP-60HCMF415	21.02 20.79 20.55 20.32 20.09 19.86 19.63 19.40 19.17	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					x	Mono c-Si PERC Module	RSM10MP-54HCMF400 (400 Wp)	RSM10MP-54HCMF420 RSM10MP-54HCMF415 RSM10MP-54HCMF410 RSM10MP-54HCMF405 RSM10MP-54HCMF400 RSM10MP-54HCMF395 RSM10MP-54HCMF390 RSM10MP-54HCMF385 RSM10MP-54HCMF380	21.48 21.23 20.97 20.71 20.46 20.20 19.95 19.69 19.44	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
20	M/s. Premier Energies Photovoltaic Pvt. Ltd	Plot No-8/B/1 & 8/B/2, SY No. 62 P 63 P and 88 P, E-City, Village Raviryala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India	R-63002356	1241	i	Mono c-Si PERC Module	PE-490HM (490Wp)	PE-470HM PE-475HM PE-480HM PE-485HM PE-490HM PE-495HM PE-510HM PE-505HM	19.80 20.01 20.22 20.43 20.64 20.86 21.49 21.28	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
21	M/s. Sri Savitr Solar Pvt. Ltd	Plot No. 34/1, Sy No. 374, C.I.E. Phase 2, Gandhi Nagar, Quthbulapur, Ranga	R-63000922	40				PE-500HM	21.07	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
								PE-515HM	19.94				
								PE-520HM	20.13				
								PE-525HM	20.32				
								PE-530HM	20.52				
								PE-535HM	20.71				
								PE-540HM	20.90				
								PE-545HM	21.10				
								PE-550HM	21.29				
								PE-555HM	21.48				
								PE-510HGB	19.74				
								PE-515HGB	19.94				
								PE-520HGB	20.13				
								PE-525HGB	20.32				
								PE-530HGB	20.52				
								PE-535HGB	20.71				
								PE-540HGB	20.90				
								PE-545HGB	21.10				
								PE-550HGB	21.29				
								PE-555HM	19.86				
								PE-560HM	20.04				
								PE-565HM	20.22				
								PE-570HM	20.40				
								PE-575HM	20.58				
								PE-580HM	20.76				
								PE-585HM	20.94				
								PE-590HM	21.12				
								PE-520HB	21.91				
								PE-515HB	21.70				
								PE-510HB	21.49				
								PE-505HB	21.28				
								PE-500HB	21.07				
								PE-495HB	20.86				
								PE-490HB	20.64				
								PE-550HB	21.29				
								PE-545HB	21.10				
								PE-540HB	20.90				
								PE-535HB	20.71				
								PE-530HB	20.52				
								PE-525HB	20.32				
								PE-545THB144	21.10				
								PE-550THB144	21.29				
								PE-555THB144	21.48				
								PE-560THB144	21.68				
								PE-565THB144	21.87				
								PE-570THB144	22.07				
								PE-575THB144	22.26				
								PE-580THB144	22.45				
								PE-585THB144	22.65				
								PE-590THB144	22.84				
								PE-495THB132	20.86				
								PE-500THB132	21.07				
								PE-505THB132	21.28				
								PE-510THB132	21.49				
								PE-515THB132	21.70				
								PE-520THB132	21.91				
								PE-525THB132	22.12				
								PE-530THB132	22.33				
								PE-535THB132	22.54				
								PE-450THB120	20.80				
								PE-455THB120	21.03				
								PE-460THB120	21.26				
								PE-465THB120	21.49				
								PE-470THB120	21.72				
								PE-475THB120	21.95				
								PE-480THB120	22.18				
								PE-485THB120	22.42				
								PE-490THB120	22.65				
								PE-495THB120	22.88				
								SSSPL-72TP-255	19.20				
								SSSPL-72TP-260	19.58				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																																																																																																																									
												From	To (subject to valid BIS Registration; else deemed to be delisted)																																																																																																																								
		Reddy, Hyderabad, Telangana - 500037, India			i	Mono c-Si PERC Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-265	19.96	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																																																								
								SSSPL-72TP-270	20.33																																																																																																																												
								SSSPL-72TP-275	20.71																																																																																																																												
																	ii	Mono c-Si PERC Module	SSSPL-72TP-265 (280 Wp)	SSSPL-72TP-280	21.08	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																																												
																				SSSPL-108TP-380	19.47																																																																																																																
																				SSSPL-108TP-390	19.98																																																																																																																
																													iii	Mono c-Si PERC Module	SSSPL-108TP-390 (390 Wp)	SSSPL-108TP-400	20.49	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																																
																																SSSPL-108TP-410	21.00																																																																																																				
																																SSSPL-120TP-420	19.42																																																																																																				
																																									iv	Mono c-Si PERC Module	SSSPL-108TP-410 (410Wp)	SSSPL-120TP-430	19.89	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																				
																																												SSSPL-120TP-440	20.35																																																																																								
																																												SSSPL-120TP-450	20.81																																																																																								
																																																					v	Mono c-Si PERC Module	SSSPL-120TP-440 (440Wp)	SSSPL-120TP-460	21.27	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																								
																																																								SSSPL-132TP-470	19.81																																																																												
																																																								SSSPL-132TP-475	20.02																																																																												
																																																																	vi	Mono c-Si PERC Module	SSSPL-132TP-485 (485 Wp)	SSSPL-132TP-480	20.23	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																												
																																																																				SSSPL-132TP-485	20.44																																																																
																																																																				SSSPL-132TP-490	20.66																																																																
																																																																													vii	Mono c-Si PERC Module	SSSPL-144TP-520 (520 Wp)	SSSPL-132TP-495	20.87	150	1500	05.04.2024	04.04.2028																																																
																																																																																SSSPL-132TP-500	21.07																																																				
																																																																																SSSPL-144TP-500	19.36																																																				
																																																																																									viii	Mono c-Si PERC Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-510	19.75	150	1500	05.04.2024	04.04.2028																																				
																																																																																												SSSPL-144TP-520	20.14																																								
																																																																																												SSSPL-144TP-530	20.52																																								
																																																																																																					ix	Mono c-Si PERC Module	SSPL-36-260 (260 Wp)	SSSPL-144TP-540	20.91	36(Half Cut Cells)	1500	05.04.2024	04.04.2028																								
																																																																																																								SSPL-36-260	20.96																												
																																																																																																								SSPL-36-270	21.27																												
																																																																																																																	x	Mono c-Si PERC Module	SSPL-36-270 (260 Wp)	SSPL-36-230	20.83	36(Half Cut Cells)	1500	05.04.2024	04.04.2028												
																																																																																																																				SSPL-36-230	20.83																
																																																																																																																				SSPL-36-240	20.83																
																																																																																																																													xi	Mono c-Si PERC Module	SSPL-36-230 (230 Wp)	SSPL-36-250	20.95	36(Half Cut Cells)	1500	05.04.2024	04.04.2028
																																																																																																																																SSPL-36-250	20.95				
																																																																																																																																SSPL-36-200	20.56				
					xii	Mono c-Si PERC Module	SSPL-36-240 (240 Wp)			SSPL-36-210	20.68	36(Half Cut Cells)	1500																																																																																																																			05.04.2024	04.04.2028				
										SSPL-36-210	20.68																																																																																																																										
										SSPL-36-220	20.83																																																																																																																										
															xiii	Mono c-Si PERC Module	SSPL-36-250 (250 Wp)	SSPL-36-180	20.42			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																																												
																		SSPL-36-180	20.42																																																																																																																		
																		SSPL-36-175	20.47																																																																																																																		
																											xiv	Mono c-Si PERC Module	SSPL-36-200 (200 Wp)	SSPL-36-170	20.43			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																																
																														SSPL-36-170	20.43																																																																																																						
																														SSPL-36-160	20.34																																																																																																						
																																							xv	Mono c-Si PERC Module	SSPL-36-210 (210 Wp)	SSPL-36-150	20.14			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																				
																																										SSPL-36-150	20.14																																																																																										
																																										SSPL-36-140	20.02																																																																																										
																																																			xvi	Mono c-Si PERC Module	SSPL-36-220 (220 Wp)	SSPL-36-130	20.01			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																								
																																																						SSPL-36-130	20.01																																																																														
																																																						SSPL-36-125	19.82																																																																														
																																																															xvii	Mono c-Si PERC Module	SSPL-36-180 (180 Wp)	SSPL-36-120	19.74			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																																												
																																																																		SSPL-36-120	19.74																																																																		
																																																																		SSPL-36-100	19.35																																																																		
																																																																											xviii	Mono c-Si PERC Module	SSPL-36-175 (175 Wp)	SSPL-36-90	19.38			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																																
																																																																														SSPL-36-90	19.38																																																						
																																																																														SSPL-36-80	19.21																																																						
																																																																																							xix	Mono c-Si PERC Module	SSPL-36-170 (170 Wp)	SSPL-36-75	19.05			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																																				
																																																																																										SSPL-36-75	19.05																																										
																																																																																										SSPL-36-70	19.03																																										
																																																																																																			xx	Mono c-Si PERC Module	SSPL-36-160 (160 Wp)	SSPL-36-60	19.02			36(Half Cut Cells)	1500	05.04.2024	04.04.2028																								
																																																																																																						SSPL-36-60	19.02																														
																																																																																																						SSPL-36-50	19.01																														
																																																																																																															xxi	Mono c-Si PERC Module	SSPL-36-150 (150 Wp)	SSPL-36-40	19.05			36(Half Cut Cells)	1500	05.04.2024	04.04.2028												
																																																																																																																		SSPL-36-40	19.05																		
																																																																																																																		BBS24MF380	19.10																		
																																																																																																																											xxii	Mono c-Si PERC Module	SSPL-36-140 (140 Wp)	BBS24MF385	19.35			72 (Full Cells)	1500	05.04.2024	04.04.2028
																																																																																																																														BBS24MF390	19.60						
																																																																																																																														BBS24MF395	19.85						
					xxiii	Mono c-Si PERC Module	SSPL-36-130 (130 Wp)					BBS24MF400	20.10																																																																																																																	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028				
												BBS24MF405	20.35																																																																																																																								
												BBS24MC440	19.73																																																																																																																								
													xxiv	Mono c-Si PERC Module	SSPL-36-125 (125 Wp)	BBS24MC445	19.95					132 (Half Cut Cells)	1500	05.04.2024	04.04.2028																																																																																																												
																BBS24MC450	20.18																																																																																																																				
																BBS24MC455	20.40																																																																																																																				
																					xxv					Mono c-Si PERC Module	SSPL-36-120 (120 Wp)	BBS24MC460	20.63					150	1500	05.04.2024	04.04.2028																																																																																																
																												BBS24MC465	20.85																																																																																																								
																												BBS24MC470	21.08																																																																																																								
																																	xxvi					Mono c-Si PERC Module	SSPL-36-100 (100 Wp)	BBS24MC475	21.31					150	1500	05.04.2024	04.04.2028																																																																																				
																																								BBS24MC480	19.45																																																																																												
																																								BBS24MC485	19.65																																																																																												
																																													xxvii					Mono c-Si PERC Module	SSPL-36-90 (90 Wp)	BBS24MC490	19.85					150	1500	05.04.2024	04.04.2028																																																																								
																																																				BBS24MC495	20.05																																																																																
																																																				BBS24MC500	20.25																																																																																
																																																									xxviii					Mono c-Si PERC Module	SSPL-36-80(80 Wp)	BBS24MC495	19.85					150	1500	05.04.2024	04.04.2028																																																												
																																																																BBS24MC495	20.05																																																																				
																																																																BBS24MC500	20.25																																																																				
																																																																					xxix					Mono c-Si PERC Module	SSPL-36-75 (75 Wp)	BBS24MC500	20.25					150	1500	05.04.2024	04.04.2028																																																
																																																																												BBS24MC500	20.25																																																								
																																																																												BBS24MC500	20.25																																																								
																																																																																	xxx					Mono c-Si PERC Module	SSPL-36-70 (700 Wp)	BBS24MC500	20.25					150	1500	05.04.2024	04.04.2028																																				
																																																																																								BBS24MC500	20.25																																												
																																																																																								BBS24MC500	20.25																																												
																																																																																													xxxi					Mono c-Si PERC Module	SSPL-36-60 (60 Wp)	BBS24MC500	20.25					150	1500	05.04.2024	04.04.2028																								
																																																																																																				BBS24MC500	20.25																																
																																																																																																				BBS24MC500	20.25																																
																																																																																																									xxxii					Mono c-Si PERC Module	SSPL-36-50 (50 Wp)	BBS24MC500	20.25					150	1500	05.04.2024	04.04.2028												
																																																																																																																BBS24MC500	20.25																				
																																																																																																																BBS24MC500	20.25																				
																																																																																																																					xxxiii					Mono c-Si PERC Module	SSPL-36-40 (40 Wp)	BBS24MC500	20.25					150	1500	05.04.2024	04.04.2028
																																																																																																																												BBS24MC500	20.25								
																																																																																																																												BBS24MC500	20.25								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGMB66HM10495 (495 Wp)	RGMB66HM10495	20.83	132 (Half Cut Cells)	1500	08.07.2024	30.04.2026
								RGMB66HM10490	20.62				
								RGMB66HM10485	20.41				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB60HM10450 (450 Wp)	RGMB66HM10480	20.2	120 (Half Cut Cells)	1500	08.07.2024	
								RGMB60HM10460	21.24				
								RGMB60HM10455	21.01				
								RGMB60HM10450	20.78				
								RGMB60HM10445	20.54				
								RGMB60HM10440	20.31				
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB54HM10405 (405 Wp)	RGMB60HM10435	20.08	108 (Half Cut Cells)	1500	08.07.2024	
								RGMB54HM10415	21.21				
								RGMB54HM10410	20.96				
								RGMB54HM10405	20.7				
								RGMB54HM10400	20.45				
								RGMB54HM10395	20.19				
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB48HM10355 (355 Wp)	RGMB54HM10390	19.94	96 (Half Cut Cells)	1500	08.07.2024	
								RGMB48HM10365	20.9				
								RGMB48HM10360	20.61				
								RGMB48HM10355	20.33				
								RGMB48HM10350	20.04				
								RGMB48HM10345	19.75				
					ix	Mono c-Si PERC Modules	RGMF72HM10540 (540 Wp)	RGMB48HM10340	19.47	144 (Half Cut Cells)	1500	08.07.2024	
								RGMF72HM10550	21.29				
								RGMF72HM10545	21.1				
								RGMF72HM10540	20.9				
								RGMF72HM10535	20.71				
								RGMF72HM10530	20.52				
					x	Mono c-Si PERC Modules	RGMF66HM10495 (495 Wp)	RGMF72HM10525	20.32	132 (Half Cut Cells)	1500	08.07.2024	
								RGMF66HM10505	21.26				
								RGMF66HM10500	21.05				
								RGMF66HM10495	20.83				
								RGMF66HM10490	20.62				
								RGMF66HM10485	20.41				
					xi	Mono c-Si PERC Modules	RGMF60HM10450 (450 Wp)	RGMF66HM10480	20.2	120 (Half Cut Cells)	1500	08.07.2024	
								RGMF60HM10460	21.24				
								RGMF60HM10455	21.01				
								RGMF60HM10450	20.78				
								RGMF60HM10445	20.54				
								RGMF60HM10440	20.31				
					xii	Mono c-Si PERC Modules	RGMF54HM10405 (405 Wp)	RGMF60HM10435	20.08	108 (Half Cut Cells)	1500	08.07.2024	
								RGMF54HM10415	21.21				
								RGMF54HM10410	20.96				
RGMF54HM10405	20.7												
RGMF54HM10400	20.45												
RGMF54HM10395	20.19												
xiii	Mono c-Si PERC Modules	RGMF48HM10355 (355 Wp)	RGMF54HM10390	19.94	96 (Half Cut Cells)	1500	08.07.2024						
			RGMF48HM10365	20.9									
			RGMF48HM10360	20.61									
			RGMF48HM10355	20.33									
			RGMF48HM10350	20.04									
			RGMF48HM10345	19.75									
24	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India	R-72005630	54	i	Mono PERC c-Si Module	SS-535 (535 Wp)	RGMF48HM10340	19.47	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-520	20.12				
								SS-525	20.31				
								SS-530	20.51				
								SS-535	20.70				
								SS-540	20.89				
					ii	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-545	21.09	132 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-550	21.28				
								SS-132C480	20.22				
								SS-132C485	20.43				
								SS-132C490	20.64				
								SS-132C495	20.86				
					iii	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-132C500	21.07	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								SS-132C505	21.27				
								SS-132C510	21.49				
								SS-132C515	21.70				
								SS-120C440	20.34				
								SS-120C445	20.57				
SS-120C450	20.79												
							SS-120C455	21.02					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
25	M/s. Raajratna Ventures Limited	Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India	R-72003379	79	i	Mono c-Si PERC Modules	R435M (435Wp)	R420M	19.27	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								R425M	19.50				
								R430M	19.73				
								R435M	19.96				
								R440M	20.18				
								R445M	20.41				
								R450M	20.64				
					ii	Mono c-Si PERC Modules	R530M (530Wp)	R510M	19.73	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								R515M	19.93				
								R520M	20.12				
								R525M	20.31				
								R530M	20.51				
								R535M	20.70				
								R540M	20.89				
26	M/s. Mundra Solar Energy Ltd	Taluka Mundra, Survey No.180/P, Sector-01, South Of APL/CGPL Power Plant, Near EMC Bridge, Tunda, Kachchh- 370435 Gujarat	R-72005460	2125	i	Mono c-Si PERC Modules	ASM-M10-144-525 (525Wp)	ASM-M10-144-500	19.48	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								ASM-M10-144-501	19.51				
								ASM-M10-144-502	19.55				
								ASM-M10-144-503	19.59				
								ASM-M10-144-504	19.63				
								ASM-M10-144-505	19.67				
								ASM-M10-144-506	19.71				
								ASM-M10-144-507	19.75				
								ASM-M10-144-508	19.79				
								ASM-M10-144-509	19.83				
								ASM-M10-144-510	19.86				
								ASM-M10-144-511	19.9				
								ASM-M10-144-512	19.94				
								ASM-M10-144-513	19.98				
ASM-M10-144-514	20.02												
ASM-M10-144-515	20.06												
ASM-M10-144-516	20.1												
ASM-M10-144-517	20.14												
ASM-M10-144-518	20.18												
ASM-M10-144-519	20.22												
ASM-M10-144-520	20.25												
ASM-M10-144-521	20.29												
ASM-M10-144-522	20.33												
ASM-M10-144-523	20.37												
ASM-M10-144-524	20.41												
ASM-M10-144-525	20.45												
ASM-M10-144-526	20.49												
ASM-M10-144-527	20.53												
ASM-M10-144-528	20.57												
ASM-M10-144-529	20.6												
ASM-M10-144-530	20.64												
ASM-M10-144-531	20.68												
ASM-M10-144-532	20.72												
ASM-M10-144-533	20.76												
ASM-M10-144-534	20.8												
ASM-M10-144-535	20.84												
ASM-M10-144-536	20.88												
ASM-M10-144-537	20.92												
ASM-M10-144-538	20.96												
ASM-M10-144-539	20.99												
ASM-M10-144-540	21.03												
ASM-M10-144-541	21.07												
ASM-M10-144-542	21.11												
ASM-M10-144-543	21.15												
ASM-M10-144-544	21.18												
ASM-M10-144-545	21.22												
ASM-M10-144-546	21.27												
ASM-M10-144-547	21.3												
ASM-M10-144-548	21.34												
ASM-M10-144-549	21.38												
ASM-M10-144-550	21.42												
ASB-M10-144-500	19.48												
ASB-M10-144-501	19.51												
ASB-M10-144-502	19.55												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-525 (525Wp)	ASB-M10-144-503 ASB-M10-144-504 ASB-M10-144-505 ASB-M10-144-506 ASB-M10-144-507 ASB-M10-144-508 ASB-M10-144-509 ASB-M10-144-510 ASB-M10-144-511 ASB-M10-144-512 ASB-M10-144-513 ASB-M10-144-514 ASB-M10-144-515 ASB-M10-144-516 ASB-M10-144-517 ASB-M10-144-518 ASB-M10-144-519 ASB-M10-144-520 ASB-M10-144-521 ASB-M10-144-522 ASB-M10-144-523 ASB-M10-144-524 ASB-M10-144-525 ASB-M10-144-526 ASB-M10-144-527 ASB-M10-144-528 ASB-M10-144-529 ASB-M10-144-530 ASB-M10-144-531 ASB-M10-144-532 ASB-M10-144-533 ASB-M10-144-534 ASB-M10-144-535 ASB-M10-144-536 ASB-M10-144-537 ASB-M10-144-538 ASB-M10-144-539 ASB-M10-144-540 ASB-M10-144-541 ASB-M10-144-542 ASB-M10-144-543 ASB-M10-144-544 ASB-M10-144-545 ASB-M10-144-546 ASB-M10-144-547 ASB-M10-144-548 ASB-M10-144-549 ASB-M10-144-550	19.59 19.63 19.67 19.71 19.75 19.79 19.83 19.86 19.9 19.94 19.98 20.02 20.06 20.1 20.14 20.18 20.22 20.25 20.29 20.33 20.37 20.41 20.45 20.49 20.53 20.57 20.6 20.64 20.68 20.72 20.76 20.8 20.84 20.88 20.92 20.96 20.99 21.03 21.07 21.11 21.15 21.18 21.22 21.27 21.3 21.34 21.38 21.42	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
27	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra	R-71018970	1060	1	Bifacial Mono c-Si PERC Module	DESERV EXTREME-575 (575 Wp)	DESERV EXTREME-590 DESERV EXTREME-585 DESERV EXTREME-580 DESERV EXTREME-575 DESERV EXTREME-570 DESERV EXTREME-565	21.02 20.84 20.66 20.48 20.30 20.13	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					2	Bifacial Mono c-Si PERC Module	DESERV EXTREME-540 (540 Wp)	DESERV EXTREME-560 DESERV EXTREME-555 DESERV EXTREME-550 DESERV EXTREME-545 DESERV EXTREME-540 DESERV EXTREME-535 DESERV EXTREME-530 DESERV EXTREME-525 DESERV EXTREME-520 DESERV EXTREME-515	21.56 21.37 21.18 20.99 20.79 20.60 20.41 20.22 20.02 19.83	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					3	Bifacial Mono c-Si PERC Module	DESERV EXTREME-500 (500 Wp)	DESERV EXTREME-510 DESERV EXTREME-505 DESERV EXTREME-500 DESERV EXTREME-495	19.63 19.44 19.25 19.06	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					4	Bifacial Mono c-Si PERC Module	DESERV EXTREME-455 (455 Wp)	DESERV EXTREME-455 DESERV EXTREME-450 DESERV EXTREME-445 DESERV EXTREME-440	20.91 20.68 20.45 20.22	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								DESERV EXTREME-435	19.99				
					5	Bifacial Mono c-Si PERC Module	DESERV EXTREME-415 (415 Wp)	DESERV EXTREME-420	21.44	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV EXTREME-415	21.18					
							DESERV EXTREME-410	20.93					
							DESERV EXTREME-405	20.67					
							DESERV SGALACTIC-590	21.02					
					6	Mono c-Si PERC Modules	DESERV SGALACTIC-575 (575Wp)	DESERV SGALACTIC-585	20.84	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV SGALACTIC-580	20.66					
							DESERV SGALACTIC-575	20.48					
							DESERV SGALACTIC-570	20.30					
							DESERV SGALACTIC-565	20.13					
							DESERV SGALACTIC-560	21.56					
							DESERV SGALACTIC-555	21.37					
					7	Mono c-Si PERC Module	DESERV SGALACTIC-555 (555 Wp)	DESERV SGALACTIC-550	21.18	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV SGALACTIC-545	20.99					
							DESERV SGALACTIC-540	20.79					
							DESERV SGALACTIC-535	20.60					
					8	Mono c-Si PERC Module	DESERV SGALACTIC-535 (535 Wp)	DESERV SGALACTIC-530	20.41	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV SGALACTIC-525	20.22					
							DESERV SGALACTIC-520	20.02					
							DESERV SGALACTIC-515	19.83					
							DESERV SGALACTIC-510	19.63					
							DESERV SGALACTIC-505	19.44					
							DESERV SGALACTIC-500	19.25					
					9	Mono c-Si PERC Module	DESERV SGALACTIC-500 (500 Wp)	DESERV SGALACTIC-495	19.06	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV SGALACTIC-465	21.37					
					10	Mono c-Si PERC Module	DESERV SGALACTIC-465 (465 Wp)	DESERV SGALACTIC-460	21.14	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV SGALACTIC-420	21.44					
					11	Mono c-Si PERC Module	DESERV SGALACTIC-415 (415 Wp)	DESERV SGALACTIC-415	21.18	108 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							DESERV SGALACTIC-410	20.93					
							DESERV SGALACTIC-405	20.67					
							BIN-17-605	21.64					
28	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	9668	i	Bifacial N - Type TOPCon Module	BIN-17-615 (615 Wp)	BIN-17-610	21.82	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							BIN-17-615	22.00					
							BIN-17-620	22.18					
							BIN-17-625	22.36					
							BIN-08-560	21.68					
					ii	Bifacial N - Type TOPCon Module	BIN-08-570 (570 Wp)	BIN-08-565	21.87	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
							BIN-08-570	22.07					
							BIN-08-575	22.26					
							BIN-08-580	22.45					
							WSMD-520	20.2					
					iii	Mono c-Si PERC Modules	WSMD-540 (540Wp)	WSMD-525	20.39	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
							WSMD-530	20.58					
							WSMD-535	20.78					
							WSMD-540	20.97					
							WSMD-545	21.17					
							WSMD-550	21.36					
							WSMD-580	20.35					
					iv	Mono c-Si PERC Modules	WSMD-600 (600Wp)	WSMD-585	20.52	120 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
							WSMD-590	20.7					
							WSMD-595	20.88					
							WSMD-600	21.06					
							WSMD-605	21.24					
							WSMD-630	20.16					
							WSMD-635	20.32					
					v	Mono c-Si PERC Modules	WSMD-650 (650Wp)	WSMD-640	20.48	132 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
							WSMD-645	20.64					
							WSMD-650	20.8					
							Bi-55-520	20.2					
					vi	Bifacial Mono c-Si PERC Modules	Bi-55-540 (540Wp)	Bi-55-525	20.39	144 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
							Bi-55-530	20.58					
							Bi-55-535	20.78					
							Bi-55-540	20.97					
							Bi-55-545	21.17					
							Bi-55-550	21.36					
					vii	Bifacial Mono c-Si PERC Modules	Bi-66-600 (600Wp)	Bi-66-580	20.35	120 (Half-Cut Cells)	1500	18.08.2024	17.08.2028
							Bi-66-585	20.52					
							Bi-66-590	20.7					
							Bi-66-595	20.88					
							Bi-66-600	21.06					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					ii	Mono c-Si PERC Module	SASA350C-96 (350 Wp)	SASA345C-96	19.63	96 (Half Cut cells)	1500	27.09.2024	26.09.2028				
								SASA350C-96	19.91			27.09.2024	26.09.2028				
								SASA355C-96	20.20			27.09.2024	26.09.2028				
								SASA360C-96	20.48			27.09.2024	26.09.2028				
								SASA365C-96	20.76			27.09.2024	26.09.2028				
								SASA375C-108	19.11			27.09.2024	26.09.2028				
								SASA380C-108	19.37			27.09.2024	26.09.2028				
								SASA385C-108	19.62			27.09.2024	26.09.2028				
								SASA390C-108	19.88			27.09.2024	26.09.2028				
								SASA395C-108	20.13			27.09.2024	26.09.2028				
								SASA400C-108	20.39			27.09.2024	26.09.2028				
								SASA405C-108	20.64			27.09.2024	26.09.2028				
					SASA410C-108	20.90	27.09.2024	26.09.2028									
					SASA415C-120	19.11	27.09.2024	26.09.2028									
					SASA420C-120	19.34	27.09.2024	26.09.2028									
					SASA425C-120	19.57	27.09.2024	26.09.2028									
					SASA430C-120	19.80	27.09.2024	26.09.2028									
					SASA435C-120	20.03	27.09.2024	26.09.2028									
					SASA440C-120	20.26	27.09.2024	26.09.2028									
					SASA445C-120	20.49	27.09.2024	26.09.2028									
					SASA450C-120	20.72	27.09.2024	26.09.2028									
					SASA455C-120	20.95	27.09.2024	26.09.2028									
					SASA460C-132	19.41	27.09.2024	26.09.2028									
					SASA465C-132	19.62	27.09.2024	26.09.2028									
					SASA470C-132	19.83	27.09.2024	26.09.2028									
					SASA475C-132	20.04	27.09.2024	26.09.2028									
					SASA480C-132	20.25	27.09.2024	26.09.2028									
					SASA485C-132	20.46	27.09.2024	26.09.2028									
					SASA490C-132	20.67	27.09.2024	26.09.2028									
					SASA495C-132	20.88	27.09.2024	26.09.2028									
					SASA500C-132	21.10	27.09.2024	26.09.2028									
					SASA500C-144	19.35	27.09.2024	26.09.2028									
					SASA505C-144	19.55	27.09.2024	26.09.2028									
					SASA510C-144	19.74	27.09.2024	26.09.2028									
					SASA515C-144	19.94	27.09.2024	26.09.2028									
					SASA520C-144	20.13	27.09.2024	26.09.2028									
					SASA525C-144	20.32	27.09.2024	26.09.2028									
					SASA530C-144	20.52	27.09.2024	26.09.2028									
					SASA535C-144	20.71	27.09.2024	26.09.2028									
					SASA540C-144	20.90	27.09.2024	26.09.2028									
					SASA545C-144	21.09	27.09.2024	26.09.2028									
					SASA550C-144	21.29	27.09.2024	26.09.2028									
					SASA380M72	19.11	27.09.2024	26.09.2028									
					SASA385M72	19.37	27.09.2024	26.09.2028									
					SASA390M72	19.62	27.09.2024	26.09.2028									
					SASA395M72	19.87	27.09.2024	26.09.2028									
					SASA400M72	20.17	27.09.2024	26.09.2028									
					SASA350M66	19.20	27.09.2024	26.09.2028									
					SASA355M66	19.48	27.09.2024	26.09.2028									
					SASA360M66	19.75	27.09.2024	26.09.2028									
					SASA320M60	19.25	27.09.2024	26.09.2028									
					SASA325M60	19.55	27.09.2024	26.09.2028									
					SASA330M60	19.85	27.09.2024	26.09.2028									
					SASA290M54	19.30	27.09.2024	26.09.2028									
					SASA295M54	19.63	27.09.2024	26.09.2028									
					SASA300M54	19.90	27.09.2024	26.09.2028									
					SASA305M54	20.34	27.09.2024	26.09.2028									
					SASA255M48	19.00	27.09.2024	26.09.2028									
					SASA260M48	19.37	27.09.2024	26.09.2028									
					SASA265M48	19.74	27.09.2024	26.09.2028									
SASA24MPC385	19.17	27.09.2024	26.09.2028														
SASA24MPC390	19.42	27.09.2024	26.09.2028														
SASA24MPC395	19.67	27.09.2024	26.09.2028														
SASA24MPC400	19.70	27.09.2024	26.09.2028														
SASA24MPC405	20.20	27.09.2024	26.09.2028														
SEPL72F360M	18.1	72 (Full Cells)	1500	27.09.2022	26.09.2024												
SEPL72F365M	18.36																
SEPL72F370M	18.62																
SEPL72F375M	18.87																
SEPL72F380M	19.12																
SEPL72F385M	19.38																
SEPL72F390M	19.63																
31	M/s. SUNBOND Energy Pvt. Ltd.					S.No. 181/P2 Opp. 66 KV substation, Mitana- Padadhari Road , Mitana, Rajkot, Gujarat 363650, India	R-72005762	60	i	Mono C-Si PERC Modules	SEPL72F375M, (375Wp)						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono C-Si PERC Modules	SEPL66F340M, (340Wp)	SEPL66F325M SEPL66F330M SEPL66F335M SEPL66F340M SEPL66F345M SEPL66F350M SEPL66F355M SEPL60F295M	17.86 18.12 18.41 18.67 18.95 19.22 19.49 17.75	66 (Full Cells)	1500	27.09.2022	26.09.2024
					iii	Mono C-Si PERC Modules	SEPL60F310M, (310Wp)	SEPL60F300M SEPL60F305M SEPL60F310M SEPL60F315M SEPL60F320M SEPL60F325M	18.05 18.36 18.67 18.98 19.26 19.59	60 (Full Cells)	1500	27.09.2022	26.09.2024
					iv	Mono C-Si PERC Modules	SEPL54F280M, (280Wp)	SEPL54F275M SEPL54F280M SEPL54F285M SEPL54F290M	18.34 18.67 18.99 19.33	54 (Full Cells)	1500	27.09.2022	26.09.2024
					v	Mono C-Si PERC Modules	SEPL48F250M, (250Wp)	SEPL48F240M SEPL48F245M SEPL48F250M SEPL48F255M SEPL48F260M	17.93 18.29 18.67 19.01 19.39	48 (Full Cells)	1500	27.09.2022	26.09.2024
					vi	Mono C-Si PERC Modules	SEPL144C375M, (375Wp)	SEPL144C360M SEPL144C365M SEPL144C370M SEPL144C375M SEPL144C380M SEPL144C385M SEPL144C390M	17.93 18.18 18.43 18.68 18.93 19.18 19.44	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
					vii	Multi C-Si Modules	SEPL36F160P, (160Wp)	SEPL36F155P SEPL36F160P SEPL36F165P	15.77 16.25 16.74	36 (Full Cells)	1500	27.09.2022	26.09.2024
					viii	Multi C-Si Modules	SEPL48F210P, (210Wp)	SEPL48F200P SEPL48F205P SEPL48F210P SEPL48F215P SEPL48F220P SEPL48F225P SEPL48F230P	14.91 15.27 15.66 16.04 16.41 16.48 17.23	48 (Full Cells)	1500	27.09.2022	26.09.2024
					ix	Multi C-Si Modules	SEPL54F235P, (235Wp)	SEPL54F225P SEPL54F230P SEPL54F235P SEPL54F240P SEPL54F245P	14.99 15.32 15.65 15.99 16.67	54 (Full Cells)	1500	27.09.2022	26.09.2024
					x	Multi C-Si Modules	SEPL60F265P, (265Wp)	SEPL60F255P SEPL60F260P SEPL60F265P SEPL60F270P SEPL60F275P	15.43 15.72 16.01 16.33 16.54	60 (Full Cells)	1500	27.09.2022	26.09.2024
					xi	Multi C-Si Modules	SEPL66F290P, (290Wp)	SEPL66F280P SEPL66F285P SEPL66F290P SEPL66F295P SEPL66F300P	15.41 15.64 15.92 16.2 16.48	66 (Full Cells)	1500	27.09.2022	26.09.2024
					xii	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL72F300P SEPL72F305P SEPL72F315P SEPL72F320P SEPL72F325P SEPL72F330P	15.12 15.36 15.6 15.89 16.19 16.4	72 (Full Cells)	1500	27.09.2022	26.09.2024
					xiii	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72C285P SEPL72C290P SEPL72C295P	14.37 14.61 14.87	72 (Full Cells)	1500	27.09.2022	26.09.2024
					xiv	Multi C-Si Module	SEPL72F340P (340 Wp)	SEPL72F335P SEPL72F340P	16.91 17.12	72 (Full Cell)	1500	27.09.2022	26.09.2024
					xv	Mono-PERC C-Si Module	SEPL72F400M (400Wp)	SEPL72F400M	20.16	72 (Full Cell)	1500	27.09.2022	26.09.2024
							SEPLM10-500 SEPLM10-505 SEPLM10-510 SEPLM10-515	19.35 19.54 19.74 19.93					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvi	Mono-PERC C-Si Module	SEPLM10-525 (525 Wp)	SEPLM10-520 SEPLM10-525 SEPLM10-530 SEPLM10-535 SEPLM10-540 SEPLM10-545 SEPLM10-550	20.12 20.32 20.51 20.71 20.9 21.09 21.29	144 (Half Cut Cell)	1500	27.09.2022	26.09.2024
32	M/s. Emmvee Photovoltaic Power Private Limited	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru rural District, Karnataka	R-62002976	676	i	Mono c-Si PERC Modules	E520HCMW144 (520 Wp)	E545HCMW144 E540HCMW144 E535HCMW144 E530HCMW144 E525HCMW144 E520HCMW144 E515HCMW144 E510HCMW144 E505HCMW144 E500HCMW144 E495HCMW144	21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.36 19.16	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E520HCBG144 (520 Wp)	E545HCBG144 E540HCBG144 E535HCBG144 E530HCBG144 E525HCBG144 E520HCBG144 E515HCBG144 E510HCBG144 E505HCBG144 E500HCBG144 E495HCBG144	21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.36 19.16	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					iii	Mono c-Si PERC Modules	E430HCMW120 (430 Wp)	E450HCMW120 E445HCMW120 E440HCMW120 E435HCMW120 E430HCMW120 E425HCMW120 E420HCMW120 E415HCMW120	20.74 20.51 20.28 20.05 19.82 19.59 19.36 19.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E450HCBG120 E445HCBG120 E440HCBG120 E435HCBG120 E430HCBG120 E425HCBG120 E420HCBG120 E415HCBG120	20.74 20.51 20.28 20.05 19.82 19.59 19.36 19.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					v	Mono c-Si PERC Modules	E550HCMW144 (550 Wp)	E550HCMW144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E550HCBG144 (550 Wp)	E550HCBG144 E385HCBG108 E390HCBG108 E395HCBG108 E400HCBG108 E405HCBG108	21.29 19.74 20.00 20.25 20.51 20.76	144 Half Cut Cells	1500	27.09.2024	26.09.2028
					vii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E395HCBG108 (395 Wp)	E480HCBG132 E485HCBG132 E490HCBG132 E495HCBG132 E500HCBG132	20.19 20.40 20.61 20.82 21.03	108 Half Cut Cells	1500	27.09.2024	26.09.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	E490HCBG132 (490 Wp)	E385HCMW108 E390HCMW108 E395HCMW108 E400HCMW108 E405HCMW108 E480HCMW132 E485HCMW132 E490HCMW132 E495HCMW132 E500HCMW132	19.74 20.00 20.25 20.51 20.76 20.19 20.40 20.61 20.82 21.03	132 Half Cut Cells	1500	27.09.2024	26.09.2028
					ix	Mono c-Si PERC Module	E395HCMW108 (395 Wp)	E500HCMW132 E550HCBT144 E545HCBT144 E540HCBT144	21.03 21.29 21.10 20.90	108 Half Cut Cells	1500	27.09.2024	26.09.2028
					x	Mono c-Si PERC Module	E490HCMW132 (490 Wp)			132 Half Cut Cells	1500	27.09.2024	26.09.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																																																																																																	
												From	To (subject to valid BIS Registration; else deemed to be delisted)																																																																																																
					xi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E525HCBT144 (525 Wp)	E535HCBT144	20.71	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028																																																																																																
								E530HCBT144	20.52																																																																																																				
								E525HCBT144	20.32																																																																																																				
								E520HCBT144	20.13																																																																																																				
								E515HCBT144	19.94																																																																																																				
								E510HCBT144	19.74																																																																																																				
								E505HCBT144	19.55																																																																																																				
								E500HCBT144	19.35																																																																																																				
								E495HCBT144	19.16																																																																																																				
								E490HCBT144	18.97																																																																																																				
																	xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E490HCBT132 (490 Wp)	E495HCBT132	21.03	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028																																																																																				
																				E490HCBT132	20.81																																																																																								
																				E490HCBT132	20.60																																																																																								
																				E485HCBT132	20.39																																																																																								
																				E480HCBT132	20.18																																																																																								
																				E475HCBT132	19.97																																																																																								
																				E470HCBT132	19.76																																																																																								
																				E465HCBT132	19.55																																																																																								
																				E460HCBT132	19.34																																																																																								
																				E455HCBT132	19.13																																																																																								
																													xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E430HCBT120 (430 Wp)	E450HCBT120	20.74	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028																																																																								
																																E445HCBT120	20.51																																																																												
																																E440HCBT120	20.28																																																																												
																																E435HCBT120	20.05																																																																												
																																E430HCBT120	19.82																																																																												
																																E425HCBT120	19.59																																																																												
																																E420HCBT120	19.36																																																																												
																																E415HCBT120	19.13																																																																												
																																E410HCBT120	18.90																																																																												
																																E405HCBT120	18.67																																																																												
																																									xiv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E395HCBT108 (395 Wp)	E400HCBT108	20.51	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028																																																												
																																												E395HCBT108	20.25																																																																
																																												E390HCBT108	19.99																																																																
																																												E385HCBT108	19.74																																																																
																																												E380HCBT108	19.49																																																																
																																												E375HCBT108	19.24																																																																
																																												E370HCBT108	18.99																																																																
																																												E365HCBT108	18.74																																																																
																																												E360HCBT108	18.49																																																																
																																												E355HCBT108	18.24																																																																
																																																					xv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E555HCBG144-T (555 Wp)	E580HCBG144-T	22.45	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028																																																
																																																								E575HCBG144-T	22.26																																																				
																																																								E570HCBG144-T	22.06																																																				
																																																								E565HCBG144-T	21.87																																																				
																																																								E560HCBG144-T	21.68																																																				
																																																								E555HCBG144-T	21.48																																																				
																																																								E550HCBG144-T	21.29																																																				
																																																								E545HCBG144-T	21.10																																																				
																																																								E540HCBG144-T	20.90																																																				
																																																								E535HCBG144-T	20.71																																																				
																																																								E530HCBG144-T	20.52																																																				
																																																																	xvi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028																																				
																																																																				E520HCBG144-T	20.13																																								
																																																																				E515HCBG144-T	19.94																																								
																																																																				E510HCBG144-T	19.74																																								
																																																																				E505HCBG144-T	19.55																																								
																																																																				E500HCBG144-T	19.35																																								
																																																																				E495HCBG144-T	19.16																																								
																																																																				E490HCBG144-T	18.97																																								
																																																																				E485HCBG144-T	18.77																																								
																																																																				E480HCBG144-T	18.58																																								
																																																																				E475HCBG144-T	18.38																																								
																																																																													xvii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T	22.29	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028																								
																																																																																E525HCBG132-T	22.08																												
																																																																																E520HCBG132-T	21.87																												
																																																																																E515HCBG132-T	21.66																												
																																																																																E510HCBG132-T	21.45																												
																																																																																E505HCBG132-T	21.24																												
																																																																																E500HCBG132-T	21.03																												
																																																																																E495HCBG132-T	20.81																												
																																																																																E490HCBG132-T	20.60																												
																																																																																E485HCBG132-T	20.39																												
																																																																																E480HCBG132-T	20.18																												
																																																																																									xviii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E480HCBG120-T	22.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028												
																																																																																												E475HCBG120-T	21.90																
																																																																																												E470HCBG120-T	21.66																
																																																																																												E465HCBG120-T	21.43																
																																																																																												E460HCBG120-T	21.20																
																																																																																												E455HCBG120-T	20.97																
																																																																																												E450HCBG120-T	20.74																
																																																																																												E445HCBG120-T	20.51																
																																																																																												E440HCBG120-T	20.28																
																																																																																												E435HCBG120-T	20.04																
																																																																																												E430HCBG120-T	19.81																
																																																																																																					xix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E430HCBG108-T (430 Wp)	E435HCBG108-T	22.30	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
																																																																																																								E430HCBG108-T	22.04				
																																																																																																								E425HCBG108-T	21.79				
																																																																																																								E420HCBG108-T	21.54				
																																																																																																								E415HCBG108-T	21.29				
																																																																																																								E410HCBG108-T	21.04				
																																																																																																								E405HCBG108-T	20.79				
																																																																																																								E400HCBG108-T	20.54				
																																																																																																								E395HCBG108-T	20.29				
																																																																																																								E390HCBG108-T	20.04				
																																																																																																								E385HCBG108-T	19.79				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xx	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E420HCBG108-T E415HCBG108-T E410HCBG108-T E405HCBG108-T E400HCBG108-T E395HCBG108-T	21.53 21.28 21.02 20.76 20.51 20.25	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
33	M/s. Abhishek Solar Industries Pvt. Ltd	P.O- Vikash Neori, Beside Premchand Mahto High School, Ranchi-835217, Jharkhand	R-5800086	25	i	Multi C-Si Modules	ASPD-325 (325 Wp)	ASPD-315 ASPD-325 ASPD-335	16.19 16.81 17.35	72 Full Cells	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASP-325 (325 Wp)	ASP-315 ASP-325 ASP-335	16.19 16.81 17.35	72 Full Cells	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	ASP-265 (265 Wp)	ASP-260 ASP-265 ASP-270 ASP-275	15.9 16.25 16.54 16.93	60 Full Cells	1500	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	ASPD-265 (265 Wp)	ASPD-260 ASPD-265 ASPD-270 ASPD-275	15.95 16.15 16.56 16.48	60 Full Cells	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	ASPD-240 (240 Wp)	ASPD-230 ASPD-240	15.67 16.35	54 Full Cells	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	ASPD-200 (200 Wp)	ASPD-190 ASPD-200	15.12 16.31	42 Full Cells	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASPD-160 (160 Wp)	ASPD-160	16.1	36 Full Cells	1000	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	ASPD-125 (125 Wp)	ASPD-125	16.05	36 Cut Cells	1000	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	ASP-100 (100 Wp)	ASP-100	15.5	36 Cut Cells	1000	25.01.2023	24.01.2025
					x	Multi C-Si Modules	ASP-75 (75 Wp)	ASP-75	14.55	36 Cut Cells	1000	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	ASP-75 (75 Wp)	ASP-75	14.55	36 Cut Cells	1000	25.01.2023	24.01.2025
					xii	Multi C-Si Modules	ASPD-60 (60 Wp)	ASPD-60	14.8	36 Cut Cells	1000	25.01.2023	24.01.2025
					xiii	Multi C-Si Modules	ASPD-40 (40 Wp)	ASPD-40	13.87	36 Cut Cells	1000	25.01.2023	24.01.2025
34	M/s. Aatmanirbhar Solar Pvt. Ltd.	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	93	i	Mono C-Si PERC Modules	ASPL380MP72 (380 Wp)	ASPL365MP72	18.39	72 FULL CELL	1500	25.01.2023	24.01.2025
								ASPL370MP72	18.64				
								ASPL375MP72	18.89				
								ASPL380MP72	19.14				
								ASPL385MP72	19.4				
								ASPL390MP72	19.65				
								ASPL395MP72	19.9				
					ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL305P72	15.72	72 FULL CELL	1500	25.01.2023	24.01.2025
								ASPL310P72	15.98				
								ASPL315P72	16.23				
								ASPL320P72	16.49				
								ASPL325P72	16.75				
								ASPL330P72	17.01				
								ASPL335P72	17.26				
					iii	Mono c-Si PERC Module	ASPL405MP108 (405 Wp)	ASPL390MP108	19.97	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASPL395MP108	20.23				
								ASPL400MP108	20.48				
								ASPL405MP108	20.74				
								ASPL410MP108	21.00				
								ASPL415MP108	21.25				
					iv	Mono c-Si PERC Module	ASPL535MP144 (535 Wp)	ASPL525MP144	20.32	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
ASPL530MP144	20.52												
ASPL535MP144	20.71												
ASPL540MP144	20.90												
ASPL545MP144	21.10												
v	Bifacial Mono c-Si PERC Module	ASPL585MP156 (585 Wp)	ASPL550MP144	21.29	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			ASPL580MP156	20.75									
			ASPL585MP156	20.93									
vi	N Type TOPCon Module	ASPL425TPC108 (425 Wp)	ASPL590MP156	21.11	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			ASPL415TPC108	21.25									
			ASPL420TPC108	21.51									
			ASPL425TPC108	21.76									
							ASPL430TPC108	22.02					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ASPL435TPC108	22.28				
					vii	N Type TOPCon Module	ASPL470TPC120 (470 Wp)	ASPL460TPC120	21.25	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							ASPL465TPC120	21.48					
							ASPL470TPC120	21.71					
							ASPL475TPC120	21.94					
							ASPL480TPC120	22.17					
					viii	Bifacial N Type TOPCon Module	ASPL565TPC144 (565 Wp)	ASPL545TPC144	21.10	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							ASPL550TPC144	21.29					
							ASPL555TPC144	21.48					
							ASPL560TPC144	21.68					
							ASPL565TPC144	21.87					
							ASPL570TPC144	22.06					
							ASPL575TPC144	22.26					
							ASPL580TPC144	22.45					
							ASPL585TPC144	22.64					
							ASPL605TPC156	21.64					
					ix	Bifacial N Type TOPCon Module	ASPL620TPC156 (620 Wp)	ASPL610TPC156	21.82	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							ASPL615TPC156	22.00					
							ASPL620TPC156	22.18					
							ASPL625TPC156	22.36					
							ASPL630TPC156	22.54					
							ASPL635TPC156	22.72					
35	M/s. Ameya Solar & Semiconductor Pvt. Ltd.	Survey No. 161/1/1A, Rajpeta Road, Maridimamba Temple, Nagavaram Village, Munugapaka Mandlam, Vishaka Patnam, Andhra Pradesh-531033, India	R-66001040	14	i	Multi C-Si Modules	ASSPL-1210 (10 Wp)	ASSPL-1210	9.52	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASSPL-1240 (40 Wp)	ASSPL-1240	12.4	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	ASSPL-1250 (50 Wp)	ASSPL-1250	13.43	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	ASSPL-1275 (75 Wp)	ASSPL-1275	14.01	36 (Cut Cells)	600	25.01.2023	24.01.2025
					v	Multi C-Si Modules	ASSPL-12100 (100 Wp)	ASSPL-12100	14.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	ASSPL-12160 (160 Wp)	ASSPL-12160	16.2	36 (Full Cells)	1000	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20250	15.19	60 (Full Cells)	1500	25.01.2023	24.01.2025
							ASSPL-20260	15.8					
							ASSPL-20270	16.4					
					viii	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24300	15.32	72 (Full Cells)	1500	25.01.2023	24.01.2025
							ASSPL-24310	15.83					
							ASSPL-24320	16.34					
					ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24330	16.85	72 (Full Cells)	1500	25.01.2023	24.01.2025
							ASSPL-24340	17.36					
							ASSPL-24350	18.87					
36	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/0, Dhoop Building, Volvoi Road, Culti, Ponda, South Goa - 403401, India	R-71013536	143	i	Mono C-Si PERC Modules	DHOOP PM72 345 (345Wp)	DHOOP PM72 330Wp	17	72 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PM72 335Wp	17.26					
							DHOOP PM72 340Wp	17.52					
							DHOOP PM72 345Wp	17.78					
							DHOOP PM72 350Wp	18.03					
							DHOOP PM72 355Wp	18.3					
							DHOOP PM72 360Wp	18.55					
							DHOOP PM72 370Wp	19.01					
							DHOOP PM72 375Wp	19.26					
							DHOOP PM72 380Wp	19.52					
					ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 385Wp	19.78	72 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PM72 390Wp	20.04					
							DHOOP PM72 395Wp	20.29					
							DHOOP PM72 400Wp	20.55					
							DHOOP PP48 200Wp	15.2					
							DHOOP PP48 205Wp	15.64					
					iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PP48 210Wp	15.89	48 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP48 215Wp	16.27					
							DHOOP PP48 220Wp	16.64					
					iv	Multi C-Si Modules	DHOOP PP48 225 (225Wp)	DHOOP PP48 225Wp	17.02	48 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP48 230Wp	17.4					
							DHOOP PP48 235Wp	17.78					
					v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP60 250Wp	15.16	60 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP60 255Wp	15.46					
							DHOOP PP60 260Wp	15.76					
							DHOOP PP60 265Wp	16.07					
							DHOOP PP60 270Wp	16.37					
							DHOOP PP60 275Wp	16.67					
					vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 280Wp	17.08	60 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP72 300Wp	15.41					
							DHOOP PP72 305Wp	15.67					
					vii	Multi C-Si Modules	DHOOP PP72 315 (315Wp)	DHOOP PP72 310Wp	15.92	72 (Full Cells)	1500	25.01.2023	24.01.2025
							DHOOP PP72 315Wp	16.18					
							DHOOP PP72 320Wp	16.44					
							DHOOP PP72 325Wp	16.69					
							DHOOP PP72 330Wp	16.95					
							DHOOP PP72 330Wp	16.95					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Multi C-Si Modules	DHOOP PP72 335 (335Wp)	DHOOP PP72 335Wp DHOOP PP72 340Wp	17.26 17.52	72 (Full Cells)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	DHOOP PP36 100 (100Wp)	DHOOP PP36 100Wp	14.63	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					x	Multi C-Si Modules	DHOOP PP36 110 (110Wp)	DHOOP PP36 110Wp	16.18	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	DHOOP PP36 120 (120Wp)	DHOOP PP36 120Wp	16.51	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xii	Multi C-Si Modules	DHOOP PP36 150 (150Wp)	DHOOP PP36 150Wp	15.01	36 (Full Cells)	1500	25.01.2023	24.01.2025
					xiii	Multi C-Si Modules	DHOOP PP36 160 (160Wp)	DHOOP PP36 160Wp	16.14	36 (Full Cells)	1500	25.01.2023	24.01.2025
					xiv	Multi C-Si Modules	DHOOP PP36 40 (40Wp)	DHOOP PP36 40Wp	13.31	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xv	Multi C-Si Modules	DHOOP PP36 50 (50Wp)	DHOOP PP36 50Wp	13.35	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xvi	Multi C-Si Modules	DHOOP PP36 60 (60Wp)	DHOOP PP36 60Wp	13.74	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xvii	Multi C-Si Modules	DHOOP PP36 75 (75Wp)	DHOOP PP36 75Wp	14.27	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xviii	Multi C-Si Modules	DHOOP PP36 80 (80Wp)	DHOOP PP36 80Wp	14.75	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xix	Bifacial Mono c-Si PERC Module	DHF-72HG-520 (520 Wp)	DHF-72HG-495	19.11	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-72HG-500				19.30					
				DHF-72HG-505				19.50					
				DHF-72HG-510				19.69					
				DHF-72HG-515				19.88					
				DHF-72HG-520				20.08					
				DHF-72HG-525				20.27					
				DHF-72HG-530				20.46					
					DHF-72HG-535	20.66							
					xx	Bifacial Mono c-Si PERC Module	DHF-72HG-545 (545 Wp)	DHF-72HG-540	20.85	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-72HG-545				21.04					
				DHF-72HG-550				21.24					
					xxi	Bifacial Mono c-Si PERC Module	DHF-66HG-470 (470 Wp)	DHF-66HG-455	19.12	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-66HG-460				19.33					
				DHF-66HG-465				19.54					
				DHF-66HG-470				19.75					
				DHF-66HG-475				19.96					
				DHF-66HG-480				20.17					
					DHF-66HG-485	20.38							
					xxii	Bifacial Mono c-Si PERC Module	DHF-66HG-495 (495 Wp)	DHF-66HG-490	20.59	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-66HG-495				20.80					
				DHF-66HG-500				21.01					
								DHF-66HG-505	21.22				
					xxiii	Bifacial Mono c-Si PERC Module	DHF-54HG-380 (380 Wp)	DHF-54HG-375	19.13	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-54HG-380				19.38					
				DHF-54HG-385				19.64					
				DHF-54HG-390				19.89					
				DHF-54HG-395				20.15					
					xxiv	Bifacial Mono c-Si PERC Module	DHF-54HG-405 (405 Wp)	DHF-54HG-400	20.40	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-54HG-405				20.66					
				DHF-54HG-410				20.91					
					xxv	Bifacial Mono c-Si PERC Module	DHF-60HG-575 (575 Wp)	DHF-60HG-600	20.75	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-60HG-595				20.58					
				DHF-60HG-590				20.40					
				DHF-60HG-585				20.23					
				DHF-60HG-580				20.06					
				DHF-60HG-575				19.88					
				DHF-60HG-570				19.71					
				DHF-60HG-565				19.54					
				DHF-60HG-560				19.37					
				DHF-60HG-555				19.19					
				DHF-60HG-550	19.20								
					xxvi	Bifacial Mono c-Si PERC Module	DHF-54HG-515 (515 Wp)	DHF-54HG-540	20.78	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-54HG-535				20.58					
				DHF-54HG-530				20.39					
				DHF-54HG-525				20.20					
				DHF-54HG-520				20.01					
				DHF-54HG-515				19.81					
				DHF-54HG-510				19.62					
				DHF-54HG-505				19.43					
					xxvii	Bifacial Mono c-Si PERC Module	DHF-48HG-460 (460 Wp)	DHF-54HG-500	19.24	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-54HG-495				19.05					
				DHF-48HG-480				20.69					
				DHF-48HG-475				20.48					
				DHF-48HG-470				20.26					
				DHF-48HG-465				20.05					
				DHF-48HG-460				19.83					
				DHF-48HG-455				19.62					
					xxviii	Bifacial Mono c-Si PERC Module	DHF-48HG-450 (460 Wp)	DHF-48HG-450	19.40	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-48HG-445				19.18					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxviii	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-550	21.24	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-72H-545	21.04				
								DHF-72H-540	20.85				
								DHF-72H-535	20.66				
								DHF-72H-530	20.46				
								DHF-72H-525	20.27				
								DHF-72H-520	20.08				
								DHF-72H-515	19.88				
								DHF-72H-510	19.69				
								DHF-72H-505	19.50				
								DHF-72H-500	19.30				
								DHF-72H-495	19.11				
								DHF-66H-505	21.22				
								DHF-66H-500	21.01				
								DHF-66H-495	20.80				
								DHF-66H-490	20.59				
								DHF-66H-485	20.38				
								DHF-66H-480	20.17				
								DHF-66H-475	19.96				
								DHF-66H-470	19.75				
								DHF-66H-465	19.54				
								DHF-66H-460	19.33				
								DHF-66H-455	19.12				
								DHF-54H-410	20.91				
								DHF-54H-405	20.66				
								DHF-54H-400	20.40				
								DHF-54H-395	20.15				
								DHF-54H-390	19.89				
DHF-54H-385	19.64												
DHF-54H-380	19.38												
DHF-54H-375	19.13												
DHF-60H-600	20.76												
DHF-60H-595	20.58												
DHF-60H-590	20.40												
DHF-60H-585	20.23												
DHF-60H-580	20.06												
DHF-60H-575	19.88												
DHF-60H-570	19.71												
DHF-60H-565	19.54												
DHF-60H-560	19.37												
DHF-60H-555	19.19												
DHF-60H-550	19.02												
DHF-54H-540	20.78												
DHF-54H-535	20.58												
DHF-54H-530	20.39												
DHF-54H-525	20.20												
DHF-54H-520	20.01												
DHF-54H-515	19.81												
DHF-54H-510	19.62												
DHF-54H-505	19.43												
DHF-54H-500	19.24												
DHF-54H-495	19.05												
DHF-48H-480	20.69												
DHF-48H-475	20.48												
DHF-48H-470	20.26												
DHF-48H-465	20.05												
DHF-48H-460	19.83												
DHF-48H-455	19.62												
DHF-48H-450	19.40												
DHF-48H-445	19.18												
SS72F315P	16.23												
SS72F320P	16.49												
SS72F325P	16.75												
SS72F330P	17.01												
SS66F280P	15.67												
SS66F285P	15.95												
SS66F290P	16.23												
SS66F295P	16.51												
SS66F300P	16.79												
SS60F250P	15.4												
SS60F255P	15.71												
SS60F260P	16.01												
37	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	R-72005800	89	i	Multi C-Si Modules	SS72F330P (330 Wp)			72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	SS66F290P (290 Wp)			66 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	SS60F255P (255 Wp)			60 (Full Cell)	1500	25.01.2023	24.01.2025

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Multi C-Si Modules	SS60F265P (265 Wp)	SS60F265P	16.32	60 (Full Cell)	1500	25.01.2023	24.01.2025
								SS60F270P	16.63				
								SS72F370M	18.62				
					v	Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS72F375M	18.87	72 (Full Cell)	1500	25.01.2023	24.01.2025
								SS72F380M	19.12				
								SS72F385M	19.38				
								SS72F390M	19.63				
								SS66F325M	17.86				
					vi	Mono C-Si PERC Modules	SS66F340M (340 Wp)	SS66F330M	18.12	66 (Full Cell)	1500	25.01.2023	24.01.2025
								SS66F335M	18.41				
								SS66F340M	18.67				
								SS66F345M	18.95				
								SS66F350M	19.22				
								SS66F355M	19.49				
								SS60F295M	17.75				
					vii	Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS60F300M	18.05	60 (Full Cell)	1500	25.01.2023	24.01.2025
								SS60F305M	18.36				
								SS60F310M	18.67				
								SS60F315M	18.98				
								SS60F320M	19.26				
								SS60F325M	19.59				
					viii	Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS144C375M	18.67	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS144C380M	18.92				
								SS144C385M	19.17				
								SS144C390M	19.42				
					ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C480M	20.21	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS132C485M	20.45				
								SS132C490M	20.64				
								SS132C495M	20.85				
								SS132C500M	21.06				
					x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS144C505M	19.55	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS144C510M	19.75				
					xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C515M	19.94	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS144C520M	20.13				
								SS144C525M	20.32				
								SS144C530M	20.52				
								SS144C535M	20.71				
								SS144C540M	20.9				
								SS144C545M	21.1				
								SS144C550M	21.29				
								SS144C555M	21.48				
								SS144C560M	21.68				
								SS156C565M	20.21				
					xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C570M	20.39	156 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS156C575M	20.57				
								SS156C580M	20.75				
								SS156C585M	20.93				
								SUN36P075	7.45				
38	M/s. Unique Sun Power LLP	Bl. No. 2281/2/1/1, Sub Plot 1-A, Tadkeswar, Near Areth Minnor Canal, Mandvi, Surat-394170, India	R-7200550	43	i	Multi C-Si Modules	SUN36P075 (75 Wp)	SUN36P075	7.45	36 (Cut Cell)	600	25.01.2023	24.01.2025
SUN36P100								9.94					
ii					Multi C-Si Modules	SUN36P100 (100 Wp)	SUN36P100	9.94	36 (Cut Cell)	600	25.01.2023	24.01.2025	
							SUN36P150	14.91					
iii					Multi C-Si Modules	SUN36P150 (150 Wp)	SUN36P150	14.91	36 (Cut Cell)	600	25.01.2023	24.01.2025	
							SUN36P155	15.41					
iv					Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P160	15.94	36 (Full Cell)	1000	25.01.2023	24.01.2025	
							SUN36P165	16.41					
							SUN48P205	15.23					
v					Multi C-Si Modules	SUN48P210 (210 Wp)	SUN48P210	15.6	48 (Full Cell)	1000	25.01.2023	24.01.2025	
							SUN48P220	16.34					
							SUN60P260	15.61					
vi					Multi C-Si Modules	SUN60P265 (265 Wp)	SUN60P265	15.91	60 (Full Cell)	1500	25.01.2023	24.01.2025	
							SUN60P270	16.21					
							SUN60P275	16.51					
							SUN72P310	15.56					
							SUN72P315	15.88					
vii					Multi C-Si Modules	SUN72P325 (325 Wp)	SUN72P320	16.13	72 (Full Cell)	1500	25.01.2023	24.01.2025	
							SUN72P325	16.39					
							SUN72P330	16.64					
							SUN72P333	16.79					
							SUN72P335	16.9					
							SUN144P550	21.34					
							SUN144P545	21.14					
viii					Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P540	20.95	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025	
							SUN144P535	20.76					
							SUN144P530	20.56					
							SUN144P530	20.56					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								L2431SP-330W	17				
								PSAAA1B-250W	15.4				
								PSAAA1B-255W	15.71				
					iii	Multi C-Si Modules	PSAAA1B-260W (260 Wp)	PSAAA1B-260W	16.02	60 (Full Cells)	1500	25.01.2023	24.01.2025
								PSAAA1B-265W	16.33				
								PSAAA1B-270W	16.64				
								PSAAB1B-300W	15.48				
								PSAAB1B-305W	15.73				
					iv	Multi C-Si Modules	PSAAB1B-315W (315 Wp)	PSAAB1B-310W	15.99	72 (Full Cells)	1500	25.01.2023	24.01.2025
								PSAAB1B-315W	16.25				
								PSAAB1B-320W	16.51				
								PSAAB1B-325W	16.77				
								MSABB1B-370W	18.5				
								MSABB1B-375W	18.75				
					v	Mono PERC C-Si Modules	MSABB1B-385W (385 Wp)	MSABB1B-380W	19	72 (Full Cells)	1500	25.01.2023	24.01.2025
								MSABB1B-385W	19.25				
								MSABB1B-390W	19.5				
								MSABB1B-395W	19.75				
								MSABB1B-400W	20				
41	M/s. Credence Solar Panels Private Limited	Plot No. 18&19, Survey No. 142/Z, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	R-72006165	318				CS-QU670-132	21.60				
								CS-QU665-132	21.50				
								CS-QU660-132	21.30				
								CS-QU655-132	21.10				
					i	Mono PERC C-Si Module	CS-QU650-132 (650 Wp)	CS-QU650-132	20.44	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QU645-132	20.28				
								CS-QU640-132	20.13				
								CS-QU635-132	19.97				
								CS-QU630-132	19.81				
								CS-QU625-132	19.66				
								CS-QU620-132	19.5				
								CS-QU590-120	20.76				
								CS-QU585-120	20.58				
								CS-QU580-120	20.41				
					ii	Mono PERC C-Si Module	CS-QU575-120 (575 Wp)	CS-QU575-120	20.23	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QU570-120	20.05				
								CS-QU565-120	19.88				
								CS-QU560-120	19.7				
								CS-QU555-120	19.53				
								CS-QU550-120	19.35				
								CS-QU540-110	20.67				
								CS-QU535-110	20.48				
								CS-QU530-110	20.28				
								CS-QU525-110	20.09				
					iii	Mono PERC C-Si Module	CS-QU525-110 (525 Wp)	CS-QU520-110	19.9	110 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QU515-110	19.71				
								CS-QU510-110	19.52				
								CS-QU505-110	19.33				
								CS-QU500-110	19.14				
								CS-QB650-132	20.47				
								CS-QB645-132	20.31				
					iv	Mono PERC Bifacial C-Si Module	CS-QB650-132 (650 Wp)	CS-QB640-132	20.15	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QB635-132	19.99				
								CS-QB630-132	19.84				
								CS-QB625-132	19.68				
								CS-QB620-132	19.52				
								CS-QB590-120	20.77				
								CS-QB585-120	20.6				
								CS-QB580-120	20.42				
								CS-QB575-120	20.25				
					v	Mono PERC Bifacial C-Si Module	CS-QB575-120 (575 Wp)	CS-QB570-120	20.07	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QB565-120	19.89				
								CS-QB560-120	19.72				
								CS-QB555-120	19.54				
								CS-QB550-120	19.37				
								CS-QB540-110	20.67				
								CS-QB535-110	20.48				
								CS-QB530-110	20.28				
								CS-QB525-110	20.09				
					vi	Mono PERC Bifacial C-Si Module	CS-QB525-110 (525 Wp)	CS-QB520-110	19.9	110 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QB515-110	19.71				
								CS-QB510-110	19.52				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								CS-QB505-110	19.33				
								CS-QB500-110	19.14				
					vii	Mono PERC C-Si Module	CS-HNS25-144 (525 Wp)	CS-HNS50-144	20.95	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-HNS45-144	20.76				
								CS-HNS40-144	20.57				
								CS-HNS35-144	20.38				
								CS-HNS30-144	20.19				
								CS-HNS25-144	20				
								CS-HNS20-144	19.81				
								CS-HNS15-144	19.62				
								CS-HNS10-144	19.43				
								CS-HNS05-144	19.24				
								CS-HNS00-144	19.04				
					viii	Multi C-Si Module	CS-SN325-144 (325 Wp)	CS-SN340-144	17.1	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-SN335-144	16.85				
								CS-SN330-144	16.6				
								CS-SN325-144	16.35				
								CS-SN320-144	16.1				
								CS-SN315-144	15.85				
								CS-SN310-144	15.59				
								CS-SN305-144	15.34				
					ix	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB670-132 (670 Wp)	CS-QB655-132	21.08	132 (Half Cut Cells) 12 BB (Cell Size 210x210mm)	1500	25.01.2023	24.01.2025
								CS-QB660-132	21.25				
								CS-QB665-132	21.41				
								CS-QB670-132	21.57				
								CS-QB675-132	21.73				
								CS-QB680-132	21.89				
								CS-QB685-132	22.05				
								CS-QB595-120	21.01	120 (Half Cut Cells) 12 BB (Cell Size 210x210mm)	1500	25.01.2023	24.01.2025
								CS-QB600-120	21.2				
								CS-QB605-120	21.37				
								CS-QB610-120	21.54				
								CS-QB615-120	21.72				
								CS-QB620-120	21.9				
								CS-QB545-110	20.86	110 (Half Cut Cells) 12 BB (Cell Size 210x210mm)	1500	25.01.2023	24.01.2025
								CS-QB550-110	21.05				
								CS-QB555-110	21.24				
								CS-QB560-110	21.43				
								CS-QB565-110	21.62				
								CS-QB570-110	21.81				
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570 Wp)	CS-HB545-156	19.66	156 (Half Cut cells) 10 BB (Cell Size 182x182mm)	1500	25.01.2023	24.01.2025
								CS-HB550-156	19.84				
								CS-HB555-156	20.02				
								CS-HB560-156	20.2				
								CS-HB565-156	20.38				
								CS-HB570-156	20.56				
								CS-HB575-156	20.74				
								CS-HB580-156	20.92				
								CS-HB585-156	21.1				
								CS-HB590-156	21.28				
								CS-HB595-156	21.46				
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530 Wp)	CS-HB505-144	19.7	144 (Half Cut Cells) 10 BB (Cell Size 182x182mm)	1500	25.01.2023	24.01.2025
								CS-HB510-144	19.89				
								CS-HB515-144	20.09				
								CS-HB520-144	20.28				
								CS-HB525-144	20.47				
								CS-HB530-144	20.67				
								CS-HB535-144	20.87				
								CS-HB540-144	21.06				
								CS-HB545-144	21.26				
								CS-HB550-144	21.45				
					xiv	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-HBT580-144 (580 Wp)	CS-HBT560-144	21.68				
								CS-HBT565-144	21.87				
								CS-HBT570-144	22.07				
								CS-HBT575-144	22.26				
								CS-HBT580-144	22.45				
								CS-HBT585-144	22.65				
								CS-HBT590-144	22.84				
								CS-HBT595-144	23.03				
								CS-HBT600-144	23.23				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xv	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-HBT625-156 (625 Wp)	CS-HBT610-156 CS-HBT615-156 CS-HBT620-156 CS-HBT625-156 CS-HBT630-156 CS-HBT635-156 CS-HBT640-156	21.81 21.99 22.17 22.35 22.53 22.71 22.89	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
42	M/s. Ganesh Green Bharat Limited (Formally Known as M/s. Ganesh Electrical Pvt. Ltd.)	Survey No. 319/320/321, Tundall, Tundall approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	R-72005886	131	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)	SGM-400 SGM-395 SGM-390 SGM-385 SGM-380 SGM-375	20.61 20.36 20.01 19.84 19.58 19.33	72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-345 SGM-340	19.3 19.02	66 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Mono PERC C-Si Modules	SGM-150 (150 Wp)	SGM-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	SG-315 (315 Wp)	SG-330 SG-325 SG-320 SG-315 SG-310 SG-300	17.01 16.75 16.49 16.23 15.98 15.46	72 (Full Cell)	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	SG-300Z (300 Wp)	SG-300Z	16.78	66 (Full Cell)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	SG-250 (250 Wp)	SG-250	15.4	60 (Full Cell)	1500	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	SG-200 (200 Wp)	SG-200	15.2	48 (Full Cell)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	SG-200Z (200 Wp)	SG-200Z	16.89	42 (Full Cell)	1500	25.01.2023	24.01.2025
					x	Multi C-Si Modules	SG-150 (150 Wp)	SG-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
					1	N-Type TOPCon Module	SGTP144-550 (550Wp)	SGTP144-525 SGTP144-530 SGTP144-535 SGTP144-540 SGTP144-545 SGTP144-550 SGTP144-555 SGTP144-560 SGTP144-565 SGTP144-570 SGTP144-575	20.32 20.52 20.71 20.90 21.09 21.29 21.48 21.68 21.87 22.06 22.26	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					2	N-Type TOPCon Module	SGTP132-495 (495Wp)	SGTP132-475 SGTP132-480 SGTP132-485 SGTP132-490 SGTP132-495 SGTP132-500 SGTP132-505 SGTP132-510 SGTP132-515	20.00 20.21 20.42 20.63 20.84 21.06 21.27 21.48 21.69	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					3	N-Type TOPCon Module	SGTP120-445 (445Wp)	SGTP120-425 SGTP120-430 SGTP120-435 SGTP120-440 SGTP120-445 SGTP120-450 SGTP120-455 SGTP120-460	19.63 19.86 20.09 20.32 20.56 20.79 21.02 21.25	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																													
												From	To (subject to valid BIS Registration; else deemed to be delisted)																												
44	M/s. Innovative Solar Solutions	No. 102/C Shed, 2nd main Road, Machohalli, Bagagrama (Post) Bangalore-560072, Karnataka	R-62002550	24	i	Multi C-Si Modules	INV-P-24V-320wp	INV-P-24V-320wp	16.5	72 (Full Cell)	1500	25.01.2023	24.01.2025																												
					ii	Multi C-Si Modules	INV-P-24V-260wp	INV-P-24V-260wp	15.97	72 (Cut Cell)	1500	25.01.2023	24.01.2025																												
					iii	Multi C-Si Modules	INV-P-24V-200wp	INV-P-24V-200wp	14.91	72 (Cut Cell)	1500	25.01.2023	24.01.2025																												
					iv	Multi C-Si Modules	INV-P-20V-260wp	INV-P-20V-260wp	15.97	60 (Full Cell)	1500	25.01.2023	24.01.2025																												
					v	Multi C-Si Modules	INV-P-12V-160wp	INV-P-12V-160wp	16.2	36 (Full Cell)	1000	25.01.2023	24.01.2025																												
					vi	Multi C-Si Modules	INV-P-12V-125wp	INV-P-12V-125wp	14.9	36 (Cut Cell)	1000	25.01.2023	24.01.2025																												
					vii	Multi C-Si Modules	INV-P-12V-100wp	INV-P-12V-100wp	14.8	36 (Cut Cell)	1000	25.01.2023	24.01.2025																												
					viii	Multi C-Si Modules	INV-P-12V-80wp	INV-P-12V-80wp	15.5	36 (Cut Cell)	1000	25.01.2023	24.01.2025																												
					ix	Multi C-Si Modules	INV-P-12V-60wp	INV-P-12V-60wp	13.5	36 (Cut Cell)	1000	25.01.2023	24.01.2025																												
					x	Multi C-Si Modules	INV-P-12V-50wp	INV-P-12V-50wp	13.6	36 (Cut Cell)	1000	25.01.2023	24.01.2025																												
					xi	Multi C-Si Modules	INV-P-12V-40wp	INV-P-12V-40wp	14.1	36 (Cut Cell)	1000	25.01.2023	24.01.2025																												
44	Co-ALMM with M/s Spark Solar Technologies Pvt. Ltd. Manufacturing Address: N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71028517	15 (As per Co-Branding Agreement)	xii	Mono c-Si PERC Modules	INV 535-144R M10 (535 Wp)	INV 535-144R M10	21.12	144 (Half Cut Cells)	1500	08.07.2024	24.01.2025																													
							INV 540-144R M10	20.92																																	
							INV 535-144R M10	20.73																																	
							INV 530-144R M10	20.54																																	
							INV 525-144R M10	20.34																																	
							44	xiii					Mono c-Si PERC Modules	INV 495-132R M10 (495 Wp)	INV 500-132R M10	21.06	(132 Half Cut Cells)	1500	08.07.2024	24.01.2025																					
															INV 495-132R M10	20.85																									
															INV 490-132R M10	20.64																									
															45	M/s Plaza Power & Infrastructure Co					923/56, Village Katha, Baddi, Solan-173205, Himachal Pradesh	R-96003131	31	i	Multi C-Si Modules	PS36CPD040Wp (40 Wp)	PS36CPD040Wp	13.9	36 (Cut Cells)	600	25.01.2023	24.01.2025									
																								ii	Multi C-Si Modules	PS36CPD050Wp (50Wp)	PS36CPD050Wp	13.76	36 (Cut Cells)	600	25.01.2023	24.01.2025									
																								iii	Multi C-Si Modules	PS36CPD055Wp (55 Wp)	PS36CPD055Wp	15.15	36 (Cut Cells)	600	25.01.2023	24.01.2025									
iv	Multi C-Si Modules	PS36CPD060Wp (60Wp)	PS36CPD060Wp	16.53	36 (Cut Cells)	600			25.01.2023	24.01.2025																															
v	Multi C-Si Modules	PS36CPD065Wp (65 Wp)	PS36CPD065Wp	17.9	36 (Cut Cells)	600			25.01.2023	24.01.2025																															
vi	Multi C-Si Modules	PS36CPD070Wp (70 Wp)	PS36CPD070Wp	13.53	36 (Cut Cells)	600			25.01.2023	24.01.2025																															
vii	Multi C-Si Modules	PS36CPD075Wp (75Wp)	PS36CPD075Wp	14.51	36 (Cut Cells)	600			25.01.2023	24.01.2025																															
viii	Multi C-Si Modules	PS36CPD080Wp (80 Wp)	PS36CPD080Wp	15.48	36 (Cut Cells)	600			25.01.2023	24.01.2025																															
ix	Multi C-Si Modules	PS36CPD090Wp (90 Wp)	PS36CPD090Wp	14.91	36 (Cut Cells)	600	25.01.2023	24.01.2025																																	
x	Multi C-Si Modules	PS36CPD100Wp (100Wp)	PS36CPD100Wp	14.92	36 (Cut Cells)	1000	25.01.2023	24.01.2025																																	
45	xii	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD110Wp	16.42	36 (Cut Cells)	1000	25.01.2023	24.01.2025																																
				PS36CPD115Wp	14.43																																				
				PS36CPD120Wp	15.05																																				
				PS36CPD125Wp	15.68																																				
				PS36CPD130Wp	16.31																																				
				45	xiii					Multi C-Si Modules	PS36CPD130Wp (130Wp)	PS36CPD130Wp	15.68	36 (Cut Cells)	1000	25.01.2023	24.01.2025																								
												PS36CPD130Wp	16.31																												
												45	xiv					Multi C-Si Modules	PS36CPD140Wp (140 Wp)	PS36CPD140Wp	13.75	36 (Cut Cells)	1000	25.01.2023	24.01.2025																
																				PS36CPD140Wp	13.75																				
																				45	xv					Multi C-Si Modules	PS36FP150Wp (150Wp)	PS36FP150Wp	14.73	36 (Full Cells)	1000	25.01.2023	24.01.2025								
																												PS36FP155Wp	15.22												
PS36FP160Wp	15.72																																								
45	xvi	Multi C-Si Modules	PS36FP165Wp (165Wp)			PS36FP165Wp	16.21	36 (Full Cells)	1000																			25.01.2023	24.01.2025												
						PS36FP165Wp	16.21																																		
						45	xvi																											Multi C-Si Modules	PS36FPD155Wp (155 Wp)	PS36FPD150Wp	14.73	36 (Full Cells)	1000	25.01.2023	24.01.2025
																																				PS36FPD155Wp	15.22				
				PS36FPD160Wp	15.72																																				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
				43	xvii	Multi C-Si Modules	P560FPD260Wp (260 Wp)	P560FPD250Wp	15.48	60 (Full Cells)	1500	25.01.2023	24.01.2025
								P560FPD255Wp	15.79				
								P560FPD260Wp	16.1				
								P560FPD265Wp	16.41				
								P560FPD270Wp	16.72				
								P560FPD270Wp	16.72				
					xviii	Multi C-Si Modules	P560FP260Wp (260 Wp)	P560FP250Wp	15.48	60 (Full Cells)	1500	25.01.2023	24.01.2025
								P560FP255Wp	15.79				
								P560FP260Wp	16.1				
								P560FP265Wp	16.41				
								P560FP270Wp	16.72				
								P560FP270Wp	16.72				
					xix	Multi C-Si Modules	P572FP320Wp (320 Wp)	P572FP305Wp	15.44	72 (Full Cells)	1500	25.01.2023	24.01.2025
								P572FP310Wp	15.7				
								P572FP315Wp	15.95				
								P572FP320Wp	16.2				
								P572FP325Wp	16.46				
								P572FP330Wp	16.71				
					xx	Multi C-Si Modules	P572FPD315Wp (315 Wp)	P572FP330Wp	16.96	72 (Full Cells)	1500	25.01.2023	24.01.2025
								P572FP335Wp	15.19				
								P572FPD300Wp	15.44				
								P572FPD310Wp	15.7				
P572FPD315Wp	15.95												
P572FPD320Wp	15.2												
xxi	Mono C-Si Modules	P572FMP360Wp (360Wp)	P572FMP325Wp	16.46	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			P572FMP330Wp	16.71									
			P572FMP355Wp	17.97									
xxii	Mono C-Si Modules	P572FMP390Wp (390 Wp)	P572FMP360Wp	18.22	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			P572FMP370Wp	18.73									
			P572FMP380Wp	19.24									
46	M/s Urjastrot Enterprise Pvt Ltd	Survey No. 47, Nr. Ramdev Pir Temple, Bedwa, Anand- 388320, Gujarat	R-72005673	43	i	Mono PERC C-Si Modules	USEL380MP72 (380 Wp)	USEL380MP72	18.39	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL370MP72	18.64				
								USEL375MP72	18.89				
								USEL380MP72	19.14				
								USEL385MP72	19.4				
								USEL390MP72	19.65				
								USEL395MP72	19.9				
								USEL305P72	15.72				
								USEL310P72	15.98				
								USEL315P72	16.23				
					ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL320P72	16.49	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL325P72	16.75				
								USEL330P72	17.01				
								USEL335P72	17.26				
								UTL540-72M	20.75				
								UTL535-72M	20.55				
								UTL530-72M	20.35				
								UTL525-72M	20.15				
								UTL520-72M	20				
								UTL540-144M	20.75				
								UTL535-144M	20.55				
								UTL530-144M	20.35				
UTL525-144M	20.15												
UTL520-144M	20												
iii	Mono PERC C-Si Modules	UTL440-72M (435 Wp)	UTL440-72M	20.2	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL435-72M	19.97									
			UTL430-72M	19.78									
iv	Mono PERC C-Si Modules	UTL425-72M (435 Wp)	UTL425-72M	19.51	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL440-144M	20.2									
			UTL435-144M	19.97									
v	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL430-144M	19.78	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL425-144M	19.51									
			UTL400-72M	20.06									
vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL395-72M	19.8	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL385-72M	19.3									
			UTL380-72M	19.05									
vii	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL400-72M	20.06	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL395-72M	19.8									
			UTL390-72M	19.55									
viii	Mono PERC C-Si Modules	UTL385-72M (395 Wp)	UTL385-72M	19.3	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL380-72M	19.05									
			UTL375-72M	18.79									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity									
												From	To (subject to valid BIS Registration; else deemed to be delisted)								
								UTL1330-72PI	16.65	72 (Full Cell)	1500	27.02.2023	26.02.2025								
								UTL1335-72P	17.26												
								UTL330-72P	17.01												
									ix					Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL275-60PI	16.9	60 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL270-60PI	16.6				
																UTL265-60PI	16.3				
									x					Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL275-60P	16.9	60 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL270-60P	16.6				
																UTL265-60P	16.3				
									xi					Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL200-36MI	19.7	36 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL195-36MI	19.2				
																UTL190-36MI	18.75				
									xii					Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL205-36M	20.2	36 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL200-36M	19.7				
																UTL195-36M	19.2				
									xiii					Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL165-36PI	16.7	36 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL160-36PI	16.15				
																UTL155-36PI	15.65				
									iv					Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL165-36P	16.7				
																UTL160-36P	16.15				
									v					Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL155-36P	15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025
																UTL150-36P	15.15				
																UTL125-36PI	16.78				
									vii					Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
																UTL125-36P	16.78				
																UTL110-36P	16.38				
									viii					Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
																UTL105-36P	15.63				
																UTL100-36P	14.89				
									xix					Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P	16.38	36 (Cut Cell)	1500	27.02.2023	26.02.2025
																UTL105-36PI	15.63				
																UTL100-36PI	14.89				
	xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI	16.38	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL105-36PI	15.63																
				UTL100-36PI	14.89																
	xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL80-36PI	15.62																
				UTL85-36P	16.6																
	xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL85-36P	16.6																
				UTL80-36P	15.62																
	xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL80-36P	15.62																
				UTL75-36P	14.65																
	xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL75-36P	14.65																
				UTL75-36PI	14.65																
	xv	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL60-36P	15.04																
				UTL60-36PI	15.04																
	xvi	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL60-36PI	15.04																
				UTL55-36PI	13.78																
	xvii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL55-36PI	13.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL50-36PI	14.05																
				UTL50-36P	14.05																
	xviii	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL45-36PI	16.11																
				UTL40-36P	14.32																
	xix	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI	16.11	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				UTL40-36P	14.32																
				UTL40-36P	14.32																
	xx	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P	14.32	36 (Cut Cell)	1500	27.02.2023	26.02.2025												
				GM360F72	18.55																
				GM365F72	18.81																
	xxi	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM370F72	19.07	72 (Full Cells)	1500	27.02.2023	26.02.2025												
				GM375F72	19.33																
				GM380F72	19.58																
	xxii	Mono PERC C-Si Module	GM385F72 (375 Wp)	GM380F72	19.58	72 (Full Cells)	1500	27.02.2023	26.02.2025												
				GM385F72	19.84																
				GM385F72	19.84																
48	M/s. Genus Innovation Limited	SPL-2B, RIICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	R-84003395	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72 GM365F72 GM370F72 GM375F72 GM380F72 GM385F72	18.55 18.81 19.07 19.33 19.58 19.84	72 (Full Cells)	1500	27.02.2023	26.02.2025								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Multi C-Si Module	GI320F72 (320 Wp)	GM390F72 GI305F72 GI310F72 GI315F72 GI320F72 GI325F72 GI330F72 GI335F72	20.1 15.72 15.98 16.23 16.49 16.75 17.01 17.27	72 (Full Cells)	1500	27.02.2023	26.02.2025
					iii	Multi C-Si Module	GI165F36 (165 Wp)	GI165F36 GI170F36	16.71 17.22	36 (Full Cells)	1000	27.02.2023	26.02.2025
					iv	Multi C-Si Module	GI150F36 (150 Wp)	GI150F36	15.19	36 (Full Cells)	1000	27.02.2023	26.02.2025
49	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	124	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SS 540-144R M10	20.92				
								SS 535-144R M10	20.73				
								SS 530-144R M10	20.54				
								SS 525-144R M10	20.34				
								SS 500-132R M10	21.06				
					ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 495-132R M10	20.85	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SS 490-132R M10	20.64				
								SS 600-144 TB	23.23				
								SS 595-144 TB	23.03				
								SS 590-144 TB	22.84				
								SS 585-144 TB	22.64				
					iii	Bifacial N-Type TOPCon Modules	SS 580-144 TB (580 Wp)	SS 580-144 TB	22.45	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 575-144 TB	22.26				
								SS 570-144 TB	22.06				
								SS 565-144 TB	21.87				
								SS 560-144 TB	21.68				
								SS 555-144 TB	21.48				
								SS 600-144 T	23.23				
								SS 595-144 T	23.03				
					iv	N-Type TOPCon Modules	SS 580-144 T (580 Wp)	SS 590-144 T	22.84	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SS 585-144 T	22.64				
								SS 580-144 T	22.45				
								SS 575-144 T	22.26				
SS 570-144 T	22.06												
SS 565-144 T	21.87												
SS 560-144 T	21.68												
SS 555-144 T	21.48												
v	Bifacial N-Type TOPCon Modules	SS 545-132 TB (545 Wp)	SS 550-132 TB	23.16	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SS 545-132 TB	22.95									
			SS 540-132 TB	22.40									
			SS 535-132 TB	22.53									
vi	N-Type TOPCon Modules	SS 545-132 T (545 Wp)	SS 550-132 T	23.16	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SS 545-132 T	22.95									
50	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonapat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027
								RSL72FM-380WP	19.4				
								RSL72FM-370WP	19.2				
								RSL600M	21.28				
					ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL595M	21.11	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL590M	20.94				
								RSL585M	20.77				
								RSL580M	20.60				
								RSL575M	20.40				
								RSL570M	22.07				
					iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL565M	21.87	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL560M	21.68				
								RSL555M	21.49				
								RSL550M	21.30				
								RSL545M	21.10				
								RSL540M	20.91				
								RSL535M	20.72				
								RSL530M	20.51				
								RSL525M	20.33				
								RSL520M	21.70				
								RSL515M	21.48				
								RSL510M	21.28				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity				
												From	To (subject to valid BIS Registration; else deemed to be delisted)			
					iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL505M	21.06	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027			
								RSL500M	20.86							
								RSL495M	20.65							
								RSL490M	20.44							
								RSL485M	20.23							
								RSL480M	20.03							
								RSL475M	19.81							
								RSL470M	19.61							
					v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL465M	19.40	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027			
								RSL460M	21.04							
					vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL455M	20.82	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027			
								RSL450M	20.59							
								RSL445M	20.35							
								RSL440M	20.13							
								RSL435M	19.89							
								RSL430M	19.68							
								RSL425M	19.44							
								RSL420M	19.22							
					vii	Mono c-Si PERC Module	RSL380M (380 Wp)	RSL395M	20.03	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027			
								RSL390M	19.76							
RSL385M	19.51															
RSL380M	19.26															
RSL375M	19.01															
viii	Mono c-Si PERC Module	RSL345M (345 Wp)	RSL360M	20.48	96 (Half Cut Cell)	1500	31.05.2023	30.05.2027								
			RSL355M	20.20												
			RSL350M	19.92												
			RSL345M	19.63												
			RSL340M	19.35												
			RSL335M	19.07												
51	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-2, 168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppapaalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	R-61003433	703	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6540	20.77	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027			
SWM11BN6535	20.57															
SWM11BN6530	20.38															
SWM11BN6525	20.19															
SWM11BN6520	20.00															
SWM11BN6515	19.81															
SWM11BN6510	19.62															
SWM11BN6505	19.42															
SWM11BN6500	19.23															
SWM11BN4495	20.71	132 (Half Cut Cell)	1500	31.05.2023				30.05.2027								
SWM11BN4490	20.50															
SWM11BN4485	20.29															
SWM11BN4480	20.09															
SWM11BN4475	19.87															
SWM11BN4470	19.66															
SWM11BN4465	19.46															
SWM11BN4460	19.25															
SWM11BN4455	19.04															
SWM11BN2450	20.65								120 (Half Cut Cell)					1500	31.05.2023	30.05.2027
SWM11BN2445	20.42															
SWM11BN2440	20.19															
SWM11BN2435	19.96															
SWM11BN2430	19.73															
SWM11BN2425	19.5															
SWM11BN2420	19.27															
SWM11BN2415	19.04															
SWM11BN0405	20.57				108 (Half Cut Cell)	1500	31.05.2023			30.05.2027						
SWM11BN0400	20.32															
SWM11BN0395	20.06															
SWM11BN0390	19.81															
SWM11BN0385	19.55															
SWM11BN0380	19.3															
SWM11BN0375	19.05															
SWM11BB0375	19.20	108 (Half Cut Cells)	1500	31.05.2023				30.05.2027								
SWM11BB0380	19.46															
SWM11BB0385	19.71															
SWM11BB0390	19.97															
SWM11BB0395	20.22															
SWM11BB0400	20.48															
SWM11BB0405	20.74															
v	Mono c-Si PERC Module								SWM11BB0385 (385 Wp)		SWM11BB0390	19.97	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
											SWM11BB0395	20.22				
											SWM11BB0400	20.48				
											SWM11BB0405	20.74				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
								SWM11BB0410	20.99									
					vi	Mono c-Si PERC Module	SWM11BB2435 (435 Wp)	SWM11BB2415	19.17	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
				SWM11BB2420				19.40										
				SWM11BB2425				19.63										
				SWM11BB2430				19.86										
				SWM11BB2435				20.10										
				SWM11BB2440				20.32										
				SWM11BB2445				20.56										
				SWM11BB2450				20.79										
				SWM11BB2455				21.02										
				SWM11BB4455				19.16										
				SWM11BB4460	19.37	vii	Mono c-Si PERC Module	SWM11BB4470 (470 Wp)	SWM11BB4465	19.58	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027				
				SWM11BB4470	19.79													
				SWM11BB4475	20.00													
				SWM11BB4480	20.21													
				SWM11BB4485	20.42													
				SWM11BB4490	20.63													
				SWM11BB4495	20.84													
				SWM11BB4500	21.06													
				SWM11BB6500	19.35													
				SWM11BB6505	19.55													
				SWM11BB6510	19.74	ix	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB6515	19.94	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027				
				SWM11BB6520	20.13													
				SWM11BB6525	20.32													
				SWM11BB6530	20.52													
				SWM11BB6535	20.71													
				SWM11BB6540	20.90													
				SWM11BB6545	21.10													
				SWM11BB6550	21.29													
				SWM11BB8540	19.32													
				SWM11BB8545	19.50													
				SWM11BB8550	19.67	x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8555	19.85	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027				
				SWM11BB8565	20.21													
				SWM11BB8570	20.39													
				SWM11BB8575	20.57													
				SWM11BB8580	20.75													
				SWM11BB8585	20.93													
				SWM11BB8590	21.11													
				SWM11BB8595	21.28													
				SWM11BT0375	19.20													
				SWM11BT0380	19.46													
				SWM11BT0385	19.71	xii	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0390	19.97	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027				
				SWM11BT0395	20.22													
				SWM11BT0400	20.48													
				SWM11BT0405	20.74													
				SWM11BT0410	20.99													
				SWM11BT2415	19.17													
				SWM11BT2420	19.40													
				SWM11BT2425	19.63													
				SWM11BT2430	19.86													
				SWM11BT2435	20.10													
				SWM11BT2440	20.32	xiii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT2445	20.56	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027				
				SWM11BT2450	20.79													
				SWM11BT2455	21.02													
				SWM11BT4455	19.16													
				SWM11BT4460	19.37													
				SWM11BT4465	19.58													
				SWM11BT4470	19.79													
				SWM11BT4475	20.00													
				SWM11BT4480	20.21													
				SWM11BT4485	20.42													
				SWM11BT4490	20.63	xiv	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT4495	20.84	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027				
				SWM11BT4500	21.06													
								SWM11BT4495	20.84	xv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4500	21.06	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT4500	21.06									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT6500	19.35	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
				SWM11BT6505				19.55					
				SWM11BT6510				19.74					
				SWM11BT6515				19.94					
				SWM11BT6520				20.13					
				SWM11BT6525				20.32					
				SWM11BT6530				20.52					
				SWM11BT6535				20.71					
				SWM11BT6540				20.90					
				SWM11BT6545				21.10					
				SWM11BT6550	21.29								
				xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT8540	19.32	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT8545	19.50					
							SWM11BT8550	19.67					
							SWM11BT8555	19.85					
							SWM11BT8560	20.03					
							SWM11BT8565	20.21					
							SWM11BT8570	20.39					
							SWM11BT8575	20.57					
							SWM11BT8580	20.75					
							SWM11BT8585	20.93					
				xviii	Bifacial Mono c-Si PERC Module	SWM11BT8590 (595 Wp)	SWM11BT8590	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT8595	21.28					
				xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BN6545	20.96	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BN6550	21.15					
				xx	Mono c-Si PERC Module	SWM11BN8560 (560 Wp)	SWM11BN8535	19.03	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BN8540	19.21					
							SWM11BN8545	19.39					
							SWM11BN8550	19.57					
							SWM11BN8555	19.74					
							SWM11BN8560	19.92					
							SWM11BN8565	20.10					
							SWM11BN8570	20.28					
							SWM11BN8575	20.46					
							SWM11BN8580	20.63					
				xxi	Mono c-Si PERC Module	SWM11BN8595 (595 Wp)	SWM11BN8585	20.81	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BN8590	20.99					
				xxii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0395 (395 Wp)	SWM11BN8595	21.17	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWT15BG0380	19.46					
							SWT15BG0385	19.72					
							SWT15BG0390	19.97					
							SWT15BG0395	20.23					
							SWT15BG0400	20.48					
				xxiii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0425 (425 Wp)	SWT15BG0405	20.74	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWT15BG0410	21.00					
							SWT15BG0415	21.25					
							SWT15BG0420	21.51					
							SWT15BG0425	21.76					
							SWT15BG0430	22.02					
				xxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2435 (435 Wp)	SWT15BG0435	22.28	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWT15BG2420	19.40					
							SWT15BG2425	19.63					
							SWT15BG2430	19.86					
							SWT15BG2435	20.09					
							SWT15BG2440	20.33					
				xxv	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2465 (465 Wp)	SWT15BG2445	20.56	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWT15BG2450	20.79					
							SWT15BG2455	21.02					
							SWT15BG2460	21.25					
							SWT15BG2465	21.48					
							SWT15BG2470	21.71					
				xxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4480 (480 Wp)	SWT15BG2475	21.94	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWT15BG2480	22.17					
							SWT15BG4465	19.58					
							SWT15BG4470	19.79					
							SWT15BG4475	20.00					
							SWT15BG4480	20.21					
				SWT15BG4485	20.42								
					SWT15BG4490	20.64							
					SWT15BG4495	20.85							
					SWT15BG4500	21.06							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4515 (515 Wp)	SWT15BG4505	21.27	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG4510	21.48				
								SWT15BG4515	21.69				
								SWT15BG4520	21.90				
								SWT15BG4525	22.11				
								SWT15BG4530	22.32				
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6525 (525 Wp)	SWT15BG6505	19.55	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6510	19.74				
								SWT15BG6515	19.94				
								SWT15BG6520	20.13				
								SWT15BG6525	20.32				
								SWT15BG6530	20.52				
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6565 (565 Wp)	SWT15BG6535	20.71	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6540	20.90				
								SWT15BG6545	21.10				
								SWT15BG6550	21.29				
								SWT15BG6555	21.48				
								SWT15BG6560	21.68				
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8570 (570 Wp)	SWT15BG6565	21.87	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG6570	22.07				
SWT15BG6575	22.26												
SWT15BG6580	22.45												
SWT15BG8550	19.68												
SWT15BG8555	19.85												
xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8610 (610 Wp)	SWT15BG8560	20.03	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027					
			SWT15BG8565	20.21									
			SWT15BG8570	20.39									
			SWT15BG8575	20.57									
			SWT15BG8580	20.75									
			SWT15BG8585	20.93									
52	M/s. SAEL Solar Mfg Private Limited	Village-Hukumat Singh Wala, Moga Road, Ferozepur-142052, Punjab	R-97001058	117	i	Mono C-Si PERC Module	SL72M6-390 (390 Wp)	SWT15BG8590	21.11	72 (Full Cell)	1500	31.05.2023	30.05.2027
								SWT15BG8595	21.29				
								SWT15BG8600	21.46				
								SWT15BG8605	21.64				
								SWT15BG8610	21.82				
								SWT15BG8615	22.00				
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SWT15BG8620	22.18	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWT15BG8625	22.36				
								SWT15BG8630	22.54				
								SL72M6-380	19.15				
								SL72M6-385	19.40				
								SL72M6-390	19.64				
					iii	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	SL72M6-395	19.90	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SL72M6-400	20.15				
								SL72M6-405	20.40				
								SL144HC-505	19.54				
								SL144HC-510	19.73				
								SL144HC-515	19.93				
					iv	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	SL144HC-520	20.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SL144HC-525	20.31				
SL144HC-530	20.50												
SL144HC-535	20.70												
SL144HC-540	20.97												
SL144HC-545	21.08												
v	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	SL144HC-550	21.28	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			SL144HC-555	21.47									
			INA-144MHC-WF-520	20.14									
			INA-144MHC-WF-525	20.33									
			INA-144MHC-WF-530	20.53									
			INA-144MHC-WF-535	20.72									
vi	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-144MHC-WF-540	20.91	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			INA-144MHC-WF-545	21.11									
			INA-144MHC-TF-520	20.14									
			INA-144MHC-TF-525	20.33									
			INA-144MHC-TF-530	20.53									
			INA-144MHC-TF-535	20.72									
vii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-144MHC-TF-540	20.91	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			INA-144MHC-TF-545	21.11									
			INA-132MHC-WF-480	20.19									
			INA-132MHC-WF-485	20.41									
			INA-132MHC-WF-490	20.62									
			INA-132MHC-WF-495	20.83									
53	M/s. Insolation Green Energy Pvt. Ltd	Khasra No 11/1, 1136/9, Chomu, Jatavalli, Jaipur-302001, Rajasthan	R-84003549	617	i	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	INA-144MHC-WF-545	20.91	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-144MHC-WF-550	21.11				
								INA-144MHC-WF-555	21.30				
								INA-144MHC-WF-560	21.50				
								INA-144MHC-WF-565	21.70				
								INA-144MHC-WF-570	21.90				
viii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-144MHC-WF-575	22.10	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			INA-144MHC-WF-580	22.30									
			INA-144MHC-WF-585	22.50									
			INA-144MHC-WF-590	22.70									
			INA-144MHC-WF-595	22.90									
			INA-144MHC-WF-600	23.10									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-WF-500 INA-132MHC-TF-480 INA-132MHC-TF-485 INA-132MHC-TF-490 INA-132MHC-TF-495 INA-132MHC-TF-500	21.04 20.19 20.41 20.62 20.83 21.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-435 INA-120MHC-WF-440 INA-120MHC-WF-445 INA-120MHC-WF-450	20.04 20.27 20.50 20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-435 INA-120MHC-TF-440 INA-120MHC-TF-445 INA-120MHC-TF-450	20.04 20.27 20.50 20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-390 INA-108MHC-WF-395 INA-108MHC-WF-400 INA-108MHC-WF-405	19.86 20.11 20.37 20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-TF-390 INA-108MHC-TF-395 INA-108MHC-TF-400 INA-108MHC-TF-405	19.86 20.11 20.37 20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-144MHC-WF-550 INA-144MHC-WF-555 INA-144MHC-WF-560	21.29 21.48 21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027
					x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-TF-550 INA-144MHC-TF-555 INA-144MHC-TF-560	21.29 21.48 21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027
54	M/s. Australian Premium Solar (India) Pvt. Ltd	Tajpur, National Highway No. 08, Ta: Prantij, Dist: Sabarkantha - 383205, Gujarat	R-72001791	287	i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)	APSAM-545/144 APSAM-540/144 APSAM-535/144 APSAM-530/144 APSAM-525/144 APSAM-520/144 APSAM-515/144 APSAM-510/144 APSAM-505/144 APSAM-500/144	21.12 20.91 20.73 20.53 20.35 20.16 19.98 19.79 19.60 19.42	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-495/132 APSAM-490/132 APSAM-485/132 APSAM-480/132 APSAM-475/132	20.85 20.64 20.43 20.22 20.01	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-450/120 APSAM-445/120 APSAM-440/120 APSAM-435/120	20.73 20.50 20.27 20.04	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-410/108 APSAM-405/108 APSAM-400/108 APSAM-395/108 APSAM-390/108	20.98 20.72 20.47 20.21 19.96	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-365/96 APSAM-360/96 APSAM-355/96 APSAM-350/96	20.92 20.64 20.35 20.06	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-275/72 APSAM-270/72 APSAM-265/72 APSAM-260/72	20.82 20.45 20.07 19.69	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-530/144 (530 Wp)	APSBF-555/144 APSBF-550/144 APSBF-545/144 APSBF-540/144 APSBF-535/144 APSBF-530/144 APSBF-525/144 APSBF-520/144 APSBF-515/144 APSBF-510/144 APSBF-505/144 APSBF-500/144	21.48 21.29 21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55	144 (Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-510/132	21.49				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-500/132(500 Wp)	APSBF-505/132	21.28	132 (Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-500/132	21.07				
								APSBF-495/132	20.86				
								APSBF-490/132	20.64				
								APSBF-485/132	20.43				
								APSBF-480/132	20.22				
								APSBF-475/132	20.01				
								APSBF-465/120	21.49				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-450/120(450 Wp)	APSBF-460/120	21.26	120(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-455/120	21.03				
								APSBF-450/120	20.80				
								APSBF-445/120	20.57				
								APSBF-440/120	20.34				
								APSBF-435/120	20.10				
								APSBF-420/108	21.50				
								APSBF-415/108	21.24				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-410/108(410 Wp)	APSBF-410/108	20.98	108(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-405/108	20.73				
								APSBF-400/108	20.47				
								APSBF-370/96	21.21				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-365/96(365 Wp)	APSBF-365/96	20.93	96(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-360/96	20.64				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-280/72(280 Wp)	APSBF-290/72	21.89	72(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-285/72	21.52				
APSBF-280/72	21.14												
xiii	Mono c-Si PERC Module	APSAM-505/132(505 Wp)	APSAM-500/132	21.07	132(Half Cut Cell)	1500	27.05.2024	01.01.2025					
			APSAM-505/132	21.28									
xiv	Mono c-Si PERC Module	APSAM-555/144(555 Wp)	APSAM-550/132	21.29	144(Half Cut Cell)	1500	27.05.2024	01.01.2025					
			APSAM-555/132	21.48									
			APSAM-560/132	21.68									
			Orb410M66-15	21.02									
			Orb405M66-15	20.77									
			Orb400M66-15	20.51									
55	M/s. Orb Energy Private Limited	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka	R-62001708	71	i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	Orb395M66-15	20.25	66 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb390M66-15	20.00				
								Orb450M72-15	21.19				
								Orb445M72-15	20.95				
								Orb440M72-15	20.72				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb435M72-15	20.48	72 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
								SMF72HM10-505	19.55				
								SMF72HM10-510	19.74				
56	M/s. Solex Energy Limited	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-515	19.94	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
								SMF72HM10-535	20.71				
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-540	20.91	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-545	21.10				
								SMF72HM10-550	21.30				
								SMF72HM10-555	21.49				
								SMFB72HM10-500	19.36				
iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-505	19.55	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMFB72HM10-510	19.74									
			SMFB72HM10-515	19.94									
			SMFB72HM10-520	20.13									
			SMFB72HM10-525	20.32									
iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-530	20.52	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMFB72HM10-535	20.71									
			SMFB72HM10-540	20.91									
			SMFB72HM10-545	21.10									
			SMFB72HM10-550	21.30									
v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-555	21.49	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF66HM10-460	19.37									
			SMF66HM10-465	19.59									
			SMF66HM10-470	19.80									
			SMF66HM10-475	20.02									
			SMF66HM10-480	20.24									
			SMF66HM10-485	20.44									
			SMF66HM10-490	20.65									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-495 SMF66HM10-500 SMF66HM10-505 SMF66HM10-460 SMF66HM10-465 SMF66HM10-470 SMF66HM10-475 SMF66HM10-480	20.86 21.07 21.28 19.37 19.59 19.80 20.02 20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vii	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-485 SMF66HM10-490 SMF66HM10-495 SMF66HM10-500 SMF66HM10-505	20.44 20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					viii	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-420 SMF66HM10-425 SMF66HM10-430 SMF66HM10-435 SMF66HM10-440 SMF66HM10-445 SMF66HM10-450 SMF66HM10-455	19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMF60HM10-460 SMF60HM10-420 SMF60HM10-425 SMF60HM10-430 SMF60HM10-435 SMF60HM10-440 SMF60HM10-445 SMF60HM10-450 SMF60HM10-455	21.21 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					x	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMF60HM10-460 SMF60HM10-420 SMF60HM10-425 SMF60HM10-430 SMF60HM10-435 SMF60HM10-440 SMF60HM10-445 SMF60HM10-450 SMF60HM10-455	21.21 19.20 19.46 19.73 19.98 20.23 20.49 20.73 21.00 21.24	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xi	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375 SMF54HM10-380 SMF54HM10-385 SMF54HM10-390 SMF54HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xii	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400 SMF54HM10-405 SMF54HM10-410 SMF54HM10-415	20.49 20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiii	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375 SMF54HM10-380 SMF54HM10-385 SMF54HM10-390 SMF54HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiv	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400 SMF54HM10-405 SMF54HM10-410 SMF54HM10-415	20.49 20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xv	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-335 SMF48HM10-340 SMF48HM10-345 SMF48HM10-350	19.21 19.50 19.780 20.06	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xvi	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-355 SMF48HM10-360 SMF48HM10-365 SMF48HM10-370	20.34 20.62 20.91 21.19	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xvii	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-335 SMF48HM10-340 SMF48HM10-345 SMF48HM10-350	19.21 19.50 19.78 20.06	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xviii	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-355 SMF48HM10-360 SMF48HM10-365 SMF48HM10-370	20.34 20.62 20.91 21.19	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xix	Mono c-Si PERC Module	SMF42HM10-305 (305Wp)	SMF42HM10-295 SMF42HM10-300 SMF42HM10-305 SMF42HM10-310 SMF42HM10-315 SMF42HM10-320	19.21 19.54 19.88 20.2 20.5 20.8	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF42HM10-295	19.21				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xx	Mono c-Si PERC Module	SMFB42HM10-305 (305Wp)	SMFB42HM10-300 SMFB42HM10-305 SMFB42HM10-310 SMFB42HM10-315 SMFB42HM10-320	19.54 19.88 20.2 20.5 20.8	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxi	Mono c-Si PERC Module	SMF36HM10-265 (265Wp)	SMF36HM10-255 SMF36HM10-260 SMF36HM10-265 SMF36HM10-270 SMF36HM10-275	19.25 19.63 19.99 20.36 20.73	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxii	Mono c-Si PERC Module	SMFB36HM10-265 (265Wp)	SMFB36HM10-255 SMFB36HM10-260 SMFB36HM10-265 SMFB36HM10-270 SMFB36HM10-275	19.25 19.63 19.99 20.36 20.73	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxiii	Bifacial Mono c-Si PERC Modules	SMB72HM10-525 (525Wp)	SMB72HM10-500 SMB72HM10-505 SMB72HM10-510 SMB72HM10-515 SMB72HM10-520 SMB72HM10-525 SMB72HM10-530 SMB72HM10-535 SMB72HM10-540 SMB72HM10-545 SMB72HM10-550	19.36 19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.91 21.10 21.30	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxiv	Bifacial Mono c-Si PERC Modules	SMBB72HM10-525 (525Wp)	SMBB72HM10-500 SMBB72HM10-505 SMBB72HM10-510 SMBB72HM10-515 SMBB72HM10-520 SMBB72HM10-525 SMBB72HM10-530 SMBB72HM10-535 SMBB72HM10-540 SMBB72HM10-545 SMBB72HM10-550	19.36 19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.91 21.10 21.30	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxv	Bifacial Mono c-Si PERC Modules	SMB66HM10-465 (465Wp)	SMB66HM10-455 SMB66HM10-460 SMB66HM10-465 SMB66HM10-470 SMB66HM10-475	19.16 19.37 19.59 19.80 20.02	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-480 SMB66HM10-485 SMB66HM10-490 SMB66HM10-495 SMB66HM10-500	20.24 20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxvii	Bifacial Mono c-Si PERC Modules	SMBB66HM10-465 (465Wp)	SMBB66HM10-455 SMBB66HM10-460 SMBB66HM10-465 SMBB66HM10-470 SMBB66HM10-475	19.16 19.37 19.59 19.80 20.02	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxviii	Bifacial Mono c-Si PERC Modules	SMBB66HM10-490 (490Wp)	SMBB66HM10-480 SMBB66HM10-485 SMBB66HM10-490 SMBB66HM10-495 SMBB66HM10-500	20.24 20.44 20.65 20.86 21.07	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-415 SMB60HM10-420 SMB60HM10-425 SMB60HM10-430 SMB60HM10-435 SMB60HM10-440 SMB60HM10-445 SMB60HM10-450 SMB60HM10-455	19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxx	Bifacial Mono c-Si PERC Modules	SMBB60HM10-435 (435Wp)	SMBB60HM10-415 SMBB60HM10-420 SMBB60HM10-425 SMBB60HM10-430 SMBB60HM10-435 SMBB60HM10-440	19.13 19.37 19.61 19.83 20.06 20.29	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SMBB60HM10-445	20.51	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB60HM10-450	20.75				
								SMBB60HM10-455	20.98				
								SMB54HM10-375	19.2				
								SMB54HM10-380	19.46				
								SMB54HM10-385	19.73				
								SMB54HM10-390	19.98				
								SMB54HM10-395	20.23				
								SMB54HM10-400	20.49				
								SMB54HM10-405	20.73				
								SMB54HM10-410	21.00				
								SMBB54HM10-375	19.20				
								SMBB54HM10-380	19.46				
								SMBB54HM10-385	19.73				
								SMBB54HM10-390	19.98				
								SMBB54HM10-395	20.23				
								SMBB54HM10-400	20.49				
								SMBB54HM10-405	20.73				
								SMBB54HM10-410	21.00				
								SMB48HM10-335	19.21				
								SMB48HM10-340	19.50				
								SMB48HM10-345	19.78				
								SMB48HM10-350	20.06				
								SMB48HM10-355	20.34				
								SMB48HM10-360	20.62				
								SMB48HM10-365	20.91				
								SMBB48HM10-335	19.21				
								SMBB48HM10-340	19.50				
								SMBB48HM10-345	19.78				
								SMBB48HM10-350	20.06				
								SMBB48HM10-355	20.34				
								SMBB48HM10-360	20.62				
								SMBB48HM10-365	20.91				
								SMB42HM10-295	19.21				
								SMB42HM10-300	19.54				
								SMB42HM10-305	19.88				
								SMB42HM10-310	20.20				
								SMB42HM10-315	20.50				
								SMB42HM10-320	20.80				
								SMBB42HM10-295	19.21				
								SMBB42HM10-300	19.54				
								SMBB42HM10-305	19.88				
								SMBB42HM10-310	20.20				
								SMBB42HM10-315	20.50				
								SMBB42HM10-320	20.80				
								SMB36HM10-255	19.25				
								SMB36HM10-260	19.63				
								SMB36HM10-265	19.66				
SMB36HM10-270	20.36												
SMB36HM10-275	20.73												
SMBB36HM10-255	19.25												
SMBB36HM10-260	19.63												
SMBB36HM10-265	19.99												
SMBB36HM10-270	20.36												
SMBB36HM10-275	20.73												
JKM-SMF-530P-72HL4-V	20.52												
JKM-SMF-535P-72HL4-V	20.71												
JKM-SMF-540P-72HL4-V	20.91												
JKM-SMF-545P-72HL4-V	21.10												
JKM-SMF-550P-72HL4-V	21.30												
GS10-M144-WF-500	19.36												
GS10-M144-WF-505	19.56												
GS10-M144-WF-510	19.75												
GS10-M144-WF-515	19.94												
GS10-M144-WF-520	20.14												
GS10-M144-WF-525	20.33												
GS10-M144-WF-530	20.53												
GS10-M144-WF-535	20.73												
GS10-M144-WF-540	20.92												
GS10-M144-WF-545	21.12												
GS10-M144-WF-550	21.31												
GS10-M132-WF-480	20.22												
57	M/s. Goldi Solar Pvt Limited	Block No:149, Plot No: J&K1, Beside IOC petrol Pump, National Highway No 8, Piplodara, Surat-394110, Gujarat	R-72001805	396	i	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)			144 (Half Cut Cell)	1500	20.09.2023	19.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	GS10-M132-WF-490, (490Wp)	GS10-M132-WF-485 GS10-M132-WF-490 GS10-M132-WF-495 GS10-M132-WF-500 GS10-M132-WF-505	20.43 20.64 20.85 21.06 21.28	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
58	M/s. Tata Power Renewable Energy Limited (Formerly M/s. Tata Power Solar Systems Ltd)	Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore-560100, Karnataka	R-62001090	577	i	Mono c-Si PERC Module	TP440HGZ(H), (440Wp)	TP455HGZ(H) TP450HGZ(H) TP445HGZ(H) TP440HGZ(H) TP435HGZ(H) TP430HGZ(H) TP425HGZ(H)	20.46 20.23 20.01 19.78 19.56 19.34 19.11	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP595LG10 TP590LG10 TP585LG10 TP580LG10 TP575LG10 TP570LG10 TP565LG10 TP560LG10 TP555LG10	21.36 21.18 21.00 20.83 20.65 20.47 20.29 20.11 19.93	156 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP550HG10 TP545HG10 TP540HG10 TP5435HG10 TP530HG10 TP525HG10 TP520HG10 TP515HG10 TP510HG10 TP505HG10	21.34 21.14 20.95 20.76 20.56 20.37 20.17 19.98 19.79 19.59	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP500VG10 TP495VG10 TP490VG10 TP485VG10 TP480VG10 TP475VG10 TP470VG10 TP465VG10 TP460VG10	20.82 20.61 20.40 20.19 19.98 19.77 19.57 19.36 19.15	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP455MG10 TP450MG10 TP445MG10 TP440MG10 TP435MG10 TP430MG10 TP425MG10 TP420MG10 TP4105G10	20.81 20.58 20.35 20.12 19.89 19.66 19.43 19.21 20.72	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					vi	Mono c-Si PERC Module	TP4005G10, (400Wp)	TP4055G10 TP4005G10 TP3955G10 TP3905G10 TP3855G10 TP460VG10TB	20.47 20.21 19.96 19.71 19.46 19.19	108 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP480VG10TB (480 Wp)	TP465VG10TB TP470VG10TB TP475VG10TB TP480VG10TB TP485VG10TB TP490VG10TB TP495VG10TB TP500VG10TB	19.40 19.60 19.81 20.02 20.23 20.44 20.65 20.86	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP420MG10TB TP425MG10TB TP430MG10TB TP435MG10TB TP440MG10TB TP445MG10TB	19.21 19.44 19.67 19.90 20.12 20.35	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
								TP450MG10TB TP455MG10TB TP505HG10TB TP510HG10TB TP515HG10TB TP520HG10TB TP525HG10TB TP530HG10TB TP535HG10TB TP540HG10TB TP545HG10TB TP550HG10TB TP555LG10B TP560LG10B TP565LG10B TP570LG10B TP575LG10B TP580LG10B TP585LG10B TP590LG10B TP595LG10B TP505HG10B TP510HG10B TP515HG10B TP520HG10B TP525HG10B TP530HG10B TP535HG10B TP540HG10B TP545HG10B TP550HG10B TP460VG10B TP465VG10B TP470VG10B TP475VG10B TP480VG10B TP485VG10B TP490VG10B TP495VG10B TP500VG10B TP420MG10B TP425MG10B TP430MG10B TP435MG10B TP440MG10B TP445MG10B TP450MG10B TP455MG10B TP500HG10B TP505HG10B TP510HG10B TP515HG10B TP520HG10B TP525HG10B TP530HG10B TP535HG10B TP540HG10B TP545HG10B TP550HG10B TP555HG10B TP560LG10B TP565LG10B TP570LG10B TP575LG10B TP580LG10B TP585LG10B TP590LG10B TP595LG10B	20.58 20.81 19.59 19.78 19.98 20.17 20.37 20.56 20.75 20.95 21.14 21.34 19.93 20.11 20.29 20.47 20.64 20.82 21.00 21.18 21.36 19.59 19.78 19.98 20.17 20.37 20.56 20.75 20.95 21.14 21.34 19.19 19.40 19.60 19.81 20.02 20.23 20.44 20.65 20.86 19.21 19.44 19.67 19.90 20.12 20.35 20.58 20.81 19.40 19.59 19.78 19.98 20.17 20.37 20.56 20.75 20.95 21.14 21.34 21.53 19.93 20.11 20.29 20.47 20.64 20.82 21.00 21.18 21.36											
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP530HG10TB (530 Wp)			144 (Half Cut Cells)	1500	20.09.2023	19.09.2027							
					x	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP570LG10B (570 Wp)			156 (Half Cut Cells)	1500	20.09.2023	19.09.2027							
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP530HG10B (530 Wp)			144 (Half Cut Cells)	1500	20.09.2023	19.09.2027							
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP480VG10B (480 Wp)			132 (Half Cut Cells)	1500	20.09.2023	19.09.2027							
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP435MG10B (435 Wp)			120 (Half Cut Cells)	1500	20.09.2023	19.09.2027							
	Co-ALMM with M/s.TP Solar Limited		R-61004499	4000 MW for 2 Year (As per Co-Branding Agreement)	xiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP525HG10B (525 Wp)			144 (Half Cut Cells)	1500	28.08.2024	20.02.2025							
	Manufacturing Address: Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu-627352, India				xv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)			144 (Half Cut Cells)	1500	28.08.2024	20.02.2025							
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP585LG10B (585 Wp)			156 (Half Cut Cells)	1500	28.08.2024	20.02.2025							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
	Co-ALMM with M/s.Vikram Solar Limited Manufacturing Address: B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sripurumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu, India	R-61003158	1000 MW for 2 Year (As per Co-Branding Agreement)	xvii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	TP595LG10VB (595 Wp)	TP600LG10B	21.54	156 Half Cut Cells	1500	28.08.2024	30.04.2026	
							TP570LG10VB	20.47					
							TP575LG10VB	20.64					
							TP580LG10VB	20.82					
							TP585LG10VB	21.00					
							TP590LG10VB	21.18					
							TP595LG10VB	21.36					
							TP600LG10VB	21.54					
							TP605LG10VB	21.72					
							TP610LG10VB	21.9					
				TP615LG10VB	22.08								
				xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP595LG10VB (595 Wp)	TP570LG10VB	20.47					
							TP575LG10VB	20.64					
							TP580LG10VB	20.82					
							TP585LG10VB	21.00					
							TP590LG10VB	21.18					
							TP595LG10VB	21.36					
							TP525HG10VB	19.26					
							TP530HG10VB	19.44					
							TP535HG10VB	19.62					
TP540HG10VB	19.81												
xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP540HG10VB (540 Wp)	TP545HG10VB	19.99									
			TP550HG10VB	20.18									
			TP585M10-156	20.93									
			TP580M10-156	20.75									
			TP575M10-156	20.57									
			TP570M10-156	20.39									
			TP565M10-156	20.21									
			TP560M10-156	20.03									
			TP555M10-156	19.85									
			TP550M10-156	19.68									
59	M/s. Surya International Enterprise Private Limited	Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa	R-52000175	77	i	Mono PERC c-Si Modules	Si565M10-156 (565)	Si555M10-156	19.85	156 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								Si550M10-156	19.68				
								Si545M10-156	19.5				
								Si540M10-156	19.32				
								Si535M10-144	21.27				
								Si530M10-144	21.08				
								Si525M10-144	20.89				
								Si520M10-144	20.69				
								Si515M10-144	20.5				
								Si510M10-144	20.31				
					Si505M10-144	20.11							
					ii	Mono PERC c-Si Modules	Si525M10-144 (525)	Si500M10-144	19.53				
								Si495M10-132	19.34				
								Si490M10-132	20.84				
								Si485M10-132	20.63				
								Si480M10-132	20.41				
								Si475M10-132	20.2				
								Si470M10-132	19.99				
								Si465M10-132	19.78				
								Si460M10-132	19.57				
Si455M10-132	19.36												
iii	Mono PERC c-Si Modules	Si475M10-132 (475)	Si450M10-120	19.15									
			Si445M10-120	20.78									
			Si440M10-120	20.55									
			Si435M10-120	20.31									
			Si430M10-120	20.08									
			Si425M10-120	19.85									
			Si420M10-120	19.62									
			Si415M10-120	19.39									
			Si410M10-108	19.16									
			Si405M10-108	20.69									
iv	Mono PERC C-Si Modules	Si430M10-120 (430)	Si400M10-108	20.44									
			Si395M10-108	20.18									
			Si390M10-108	19.93									
			Si385M10-108	19.67									
			Si380M10-108	19.41									
			Si375M10-108	19.16									
			Si365M10-96	20.87									
			Si360M10-96	20.59									
			Si355M10-96	20.3									
			v	Mono PERC C-Si Modules	Si390M10-108 (390)	Si355M10-96	20.3						
Si350M10-96	20.03												
Si345M10-96	19.85												
Si340M10-96	19.67												
Si335M10-96	19.49												
Si330M10-96	19.31												
Si325M10-96	19.13												
Si320M10-96	18.95												
Si315M10-96	18.77												
Si310M10-96	18.59												
vi	Mono PERC C-Si Modules	Si345M10-96 (345)	Si305M10-84	18.41									
			Si300M10-84	18.23									
			Si295M10-84	18.05									
			Si290M10-84	17.87									
			Si285M10-84	17.69									
			Si280M10-84	17.51									
			Si275M10-84	17.33									
			Si270M10-84	17.15									
			Si265M10-84	16.97									
			Si260M10-84	16.79									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SI350M10-96	20.02				
								SI340M10-96	19.44				
								SI335M10-96	19.16				
								SI320M10-84	20.78				
					vii	Mono PERC C-Si Modules	SI305M10-84 (305)	SI315M10-84	20.45	84 (Half Cut Cell)	1500	16.11.2023	15.11.2027
							SI310M10-84	20.13					
							SI305M10-84	19.8					
							SI300M10-84	19.48					
							SI295M10-84	19.15					
							SI270M10-72	20.38					
					viii	Mono PERC C-Si Modules	SI260M10-72 (260)	SI265M10-72	20.01	72 (Full Cell)	1500	16.11.2023	15.11.2027
							SI260M10-72	19.63					
							SI255M10-72	19.25					
					ix	Mono PERC C-Si Modules	SI230M10-64 (230)	SI240M10-64	19.99	64 (Full Cell)	1500	16.11.2023	15.11.2027
							SI235M10-64	19.61					
							SI230M10-64	19.24					
							ISSM10-500-144	19.92					
60	M/s Inter Solar Systems Private Limited	Village Sundran, Derabassi, P.O – Mubarkpur, District Sas Nagar, Mohali-140507, Punjab	R-97001139	49				ISSM10-505-144	20.12	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								ISSM10-510-144	20.23				
								ISSM10-515-144	20.28				
								ISSM10-520-144	20.38				
					i	Mono c-Si PERC Module	ISSM10-525-144 (525Wp)	ISSM10-525-144	20.47				
								ISSM10-530-144	20.51				
								ISSM10-535-144	20.59				
								ISSM10-540-144	20.67				
								ISSM10-545-144	20.71				
								ISSM10-550-144	20.83				
								RPS2MH72MB515	19.93				
								RPS2MH72MB520	20.13				
								RPS2MH72MB525	20.32				
61	M/s. ReNew Photovolotics Private Limited	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan	R-84003778	2842				RPS2MH72MB530	20.52				
								RPS2MH72MB535	20.71				
								RPS2MH72MB540	20.9				
								RPS2MH72MB545	21.1				
								RPS2MH72MB550	21.29				
								RPS2MH72BD515	19.93				
								RPS2MH72BD520	20.13				
								RPS2MH72BD525	20.32				
								RPS2MH72BD530	20.52				
								RPS2MH72BD535	20.71				
								RPS2MH72BD540	20.9				
								RPS2MH72BD545	21.1				
								RPS2MH72BD550	21.29				
								AS-555-HM156	19.88				
62	M/s Abhishek Solar Industries Private Limited Unit II	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142				AS-560-HM156	20.05	156 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-565-HM156	20.22				
								AS-570-HM156	20.40				
					i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-575-HM156	20.59				
								AS-580-HM156	20.78				
								AS-585-HM156	20.96				
								AS-590-HM156	21.13				
								AS-595-HM156	21.30				
								AS-500-HM144	19.36				
								AS-505-HM144	19.54				
								AS-510-HM144	19.75				
								AS-515-HM144	19.94				
								AS-520-HM144	20.13				
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-525-HM144	20.32	144 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-530-HM144	20.52				
								AS-535-HM144	20.70				
								AS-540-HM144	20.92				
								AS-545-HM144	21.11				
								AS-550-HM144	21.31				
								AS-455-HM132	19.18				
								AS-460-HM132	19.37				
								AS-465-HM132	19.60				
								AS-470-HM132	19.80				
								AS-475-HM132	20.01				
					iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-480-HM132	20.23	132 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-485-HM132	20.44				
								AS-490-HM132	20.64				
								AS-495-HM132	20.85				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-375-HM108 AS-380-HM108 AS-385-HM108 AS-390-HM108 AS-395-HM108 AS-400-HM108 AS-415-HM120 AS-420-HM120 AS-425-HM120 AS-430-HM120 AS-435-HM120 AS-440-HM120 AS-445-HM120 AS-450-HM120	19.21 19.47 19.73 19.99 20.27 20.47 19.20 19.42 19.64 19.87 20.11 20.33 20.56 20.79	108 Half Cut Cells	1500	24.01.2024	23.01.2028
					v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	ISEN560 ISEN565 ISEN570 ISEN575 ISEN580 ISEN585 ISEN590 ISEN520 ISEN525 ISEN530 ISEN535 ISEN540 ISEN545 ISEN550 ISEN555	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48	120 Half Cut Cells	1500	24.01.2024	23.01.2028
63	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	395	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	Bifacial N-type TOPCon Module	ISEN610N-TOP (610 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	156 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					vii	Bifacial N-type TOPCon Module	ISEN575N-TOP (575 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					viii	Bifacial N-type TOPCon Module	ISEN530N-TOP (530 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					ix	Bifacial N-type TOPCon Module	ISEN480N-TOP (480 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435 ISEN440 ISEN445 ISEN450 ISEN455 ISEN460 ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410 ISEN620N-TOP ISEN615N-TOP ISEN610N-TOP ISEN605N-TOP ISEN600N-TOP ISEN590N-TOP ISEN585N-TOP ISEN580N-TOP ISEN575N-TOP ISEN570N-TOP ISEN565N-TOP ISEN560N-TOP ISEN540N-TOP ISEN535N-TOP ISEN530N-TOP ISEN525N-TOP ISEN520N-TOP ISEN500N-TOP ISEN495N-TOP ISEN490N-TOP ISEN485N-TOP ISEN480N-TOP ISEN475N-TOP ISEN470N-TOP ISEN465N-TOP	20.03 20.21 20.39 20.57 20.75 20.93 21.11 20.12 20.32 20.52 20.71 20.9 21.1 21.3 21.48 21.05 21.47 19.41 19.64 19.87 20.1 20.34 20.57 20.8 21.03 21.26 19.46 19.72 19.97 20.23 20.48 20.74 21 22.19 22.01 21.83 21.65 21.47 22.84 22.64 22.45 22.26 22.06 21.87 21.68 22.74 22.53 22.32 22.11 21.90 23.11 22.88 22.65 22.41 22.18 21.95 21.72 21.49	120 (Half Cut Cell)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Bifacial N-type TOPCon Module	ISEN430N-TOP (430 Wp)	ISEN460N-TOP ISEN440N-TOP ISEN435N-TOP ISEN430N-TOP ISEN425N-TOP ISEN420N-TOP	21.26 22.53 22.28 22.02 21.76 21.51	108 (Half Cut Cell)	1500	24.02.2024	23.02.2028
64	M/s. Waaree Energies Limited	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105	R-72003085	1156	i	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-543 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545 WSMD-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Bifacial Mono c- Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	N TOPCon Module	WSMT-570 (570Wp)	WSMT-560 WSMT-565 WSMT-570 WSMT-575 WSMT-580	21.75 21.94 22.14 22.33 22.53	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	N TOPCon Module	WSMT-615 (615Wp)	WSMT-605 WSMT-610 WSMT-615 WSMT-620 WSMT-625	21.74 21.92 22.1 22.28 22.46	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	BIN-17-605 BIN-17-610 BIN-17-615 BIN-17-620 BIN-17-625	21.64 21.82 22 22.18 22.35	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	N TOPCon Module(Bifacial)	BIN-08-570 (570Wp)	BIN-08-560 BIN-08-565 BIN-08-570 BIN-08-575 BIN-08-580	21.67 21.87 22.06 22.25 22.45	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
65	M/s. Waaree Energies Limited	Survey No 38/1,Tumb Village,Tumb,Umbergaon,Valsad,Gujar at-396150	R-72002038	1095	i	Mono c- Si PERC Module	WSMD-440 (440Wp)	WSMD-420 WSMD-425 WSMD-430 WSMD-435 WSMD-440 WSMD-445 WSMD-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545 WSMD-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Mono c- Si PERC Bifacial Module	Bi-31-440(440Wp)	Bi-31-420 Bi-31-425 Bi-31-430 Bi-31-435 Bi-31-440 Bi-31-445 Bi-31-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c- Si PERC Module	WSMDI-400 (400Wp)	WSMDI-395 WSMDI-400 WSMDI-405 WSMDI-410	19.79 20.03 20.28 20.53	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
66	M/s. Mundra Solar PV Limited	Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - -370435, Gujarat	R-72008532	1942	i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	WSMDI-415	20.78	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASM-M10-144-500	19.47				
								ASM-M10-144-501	19.51				
								ASM-M10-144-502	19.55				
								ASM-M10-144-503	19.59				
								ASM-M10-144-504	19.63				
								ASM-M10-144-505	19.67				
								ASM-M10-144-506	19.7				
								ASM-M10-144-507	19.74				
								ASM-M10-144-508	19.78				
								ASM-M10-144-509	19.82				
								ASM-M10-144-510	19.86				
								ASM-M10-144-511	19.9				
								ASM-M10-144-512	19.94				
								ASM-M10-144-513	19.98				
								ASM-M10-144-514	20.02				
								ASM-M10-144-515	20.05				
								ASM-M10-144-516	20.09				
								ASM-M10-144-517	20.13				
								ASM-M10-144-518	20.17				
								ASM-M10-144-519	20.21				
								ASM-M10-144-520	20.25				
								ASM-M10-144-521	20.29				
								ASM-M10-144-522	20.33				
								ASM-M10-144-523	20.37				
								ASM-M10-144-524	20.41				
								ASM-M10-144-525	20.44				
								ASM-M10-144-526	20.48				
								ASM-M10-144-527	20.52				
								ASM-M10-144-528	20.56				
								ASM-M10-144-529	20.6				
								ASM-M10-144-530	20.64				
								ASM-M10-144-531	20.68				
								ASM-M10-144-532	20.72				
								ASM-M10-144-533	20.76				
								ASM-M10-144-534	20.8				
								ASM-M10-144-535	20.83				
								ASM-M10-144-536	20.87				
								ASM-M10-144-537	20.91				
								ASM-M10-144-538	20.95				
								ASM-M10-144-539	20.99				
								ASM-M10-144-540	21.03				
								ASM-M10-144-541	21.07				
								ASM-M10-144-542	21.11				
								ASM-M10-144-543	21.15				
								ASM-M10-144-544	21.18				
								ASM-M10-144-545	21.22				
								ASB-M10-144-520	20.25				
								ASB-M10-144-521	20.29				
								ASB-M10-144-522	20.33				
								ASB-M10-144-523	20.37				
								ASB-M10-144-524	20.41				
								ASB-M10-144-525	20.44				
								ASB-M10-144-526	20.48				
ASB-M10-144-527	20.52												
ASB-M10-144-528	20.56												
ASB-M10-144-529	20.6												
ASB-M10-144-530	20.64												
ASB-M10-144-531	20.68												
ASB-M10-144-532	20.72												
ASB-M10-144-533	20.76												
ASB-M10-144-534	20.8												
ASB-M10-144-535	20.83												
ASB-M10-144-536	20.87												
ASB-M10-144-537	20.91												
ASB-M10-144-538	20.95												
ASB-M10-144-539	20.99												
ASB-M10-144-540	21.03												
ASB-M10-144-541	21.07												
ASB-M10-144-542	21.11												
ASB-M10-144-543	21.15												
ASB-M10-144-544	21.18												
ASB-M10-144-544	21.18												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ASB-M10-144-545	21.22				
								ASB-M10-144-546	21.26				
								ASB-M10-144-547	21.3				
								ASB-M10-144-548	21.34				
								ASB-M10-144-549	21.38				
								ASB-M10-144-550	21.42				
								ASB-M10-144-550	21.42				
								ASB-M10-144-551	21.46				
								ASB-M10-144-552	21.5				
								ASB-M10-144-553	21.54				
								ASB-M10-144-554	21.57				
								ASB-M10-144-555	21.61				
								ASB-M10-144-556	21.65				
								ASB-M10-144-557	21.69				
								ASB-M10-144-558	21.73				
								ASB-M10-144-559	21.77				
								ASB-M10-144-560	21.81				
								ASB-M10-144-561	21.85				
					iii	Bifacial n-type TOPCon Modules	ASB-M10-144-563 (563Wp)	ASB-M10-144-562	21.89	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASB-M10-144-563	21.92				
								ASB-M10-144-564	21.96				
								ASB-M10-144-565	22				
								ASB-M10-144-566	22.04				
								ASB-M10-144-567	22.08				
								ASB-M10-144-568	22.12				
								ASB-M10-144-569	22.16				
								ASB-M10-144-570	22.2				
								ASB-M10-144-571	22.24				
								ASB-M10-144-572	22.28				
								ASB-M10-144-573	22.31				
								ASB-M10-144-574	22.35				
								ASB-M10-144-575	22.39				
67	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2,Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1447	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05	21.33	144 (Half cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.72.545.05	21.13				
								SOMERA VSMH.72.540.05	20.94				
								SOMERA VSMH.72.535.05	20.75				
								SOMERA VSMH.72.535.05	20.75				
								SOMERA VSMH.60.460.05	21.28				
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.455.05	21.05	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
								PARADEA VSMH.72.550.05	21.33				
								PARADEA VSMH.72.545.05	21.13				
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSMH.72.545.05 (545 Wp)	PARADEA VSMH.72.540.05	20.94	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.72.535.05	20.75				
								SOMERA VSMH.72.450.05	20.23				
					iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.445.05	20.01	144 (Half cut cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.72.440.05	19.79				
								PARADEA VSMH.78.570.05	20.47				
								PARADEA VSMH.78.575.05	20.64				
					v	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMH.78.585.05 (585 Wp)	PARADEA VSMH.78.580.05	20.82	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.78.585.05	21.00				
								PARADEA VSMH.78.590.05	21.18				
								PARADEA VSMH.78.595.05	21.36				
					vi	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMH.66.500.05 (500 Wp)	PARADEA VSMH.66.490.05	20.61	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.66.500.05	21.04				
								HYPERSOL VSMH.72.570.05	21.08				
								HYPERSOL VSMH.72.575.05	21.27				
								HYPERSOL VSMH.72.580.05	21.45				
								HYPERSOL VSMH.72.585.05	21.64				
					vii	N-Type TOPCon Module	HYPERSOL VSMH.72.590.05 (590 Wp)	HYPERSOL VSMH.72.590.05	21.82	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								HYPERSOL VSMH.72.595.05	22.01				
								HYPERSOL VSMH.72.600.05	22.19				
								HYPERSOL VSMH.72.605.05	22.38				
								HYPERSOL VSMH.72.610.05	22.56				
								HYPERSOL VSMH.66.520.05	21.90				
								HYPERSOL VSMH.66.525.05	22.11				
								HYPERSOL VSMH.66.530.05	22.32				
								HYPERSOL VSMH.66.535.05	22.53				
								HYPERSOL VSMH.66.540.05	22.74				
								HYPERSOL VSMH.66.545.05	22.95				
								HYPERSOL VSMH.66.550.05	23.16				
					viii	N-Type TOPCon Module	HYPERSOL VSMH.66.540.05 (540 Wp)	HYPERSOL VSMH.66.555.05	23.37	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xii	PERC Module (Glass to Transparent)	TP500VG10TB (500 Wp)	TP500VG10TB TP505VG10TB TP420MG10TB TP425MG10TB TP430MG10TB TP435MG10TB TP440MG10TB TP445MG10TB TP450MG10TB TP455MG10TB TP460MG10TB TP465MG10TB	20.86 21.07 19.21 19.44 19.66 19.89 20.12 20.35 20.58 20.81 21.03 21.26	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP435MG10TB TP440MG10TB TP445MG10TB TP450MG10TB TP455MG10TB TP460MG10TB TP465MG10TB	19.66 19.89 20.12 20.35 20.58 20.81 21.03	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP460MG10TB TP465MG10TB	21.03 21.26	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
69	M/s. Solberry Energy Private Limited	Survey No.-164/002 & 165, Near Kamlia Amrut Ind.Estate, Village-Indrad, Tal.-Kadi, Dist. - Mehsana - 382715, Gujarat, India	R-72009490	56	i	Mono c-Si PERC Module	SE144H520M (520 Wp)	SE144H540M SE144H535M SE144H530M SE144H525M SE144H520M SE144H515M SE144H510M SE144H505M	20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Mono c-Si PERC Module	SE132H480M (480 Wp)	SE132H500M SE132H495M SE132H490M SE132H485M SE132H480M SE132H475M SE132H470M SE132H465M	21.06 20.85 20.64 20.43 20.22 20.01 19.80 19.60	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	SE120H440M (440 Wp)	SE120H460M SE120H455M SE120H450M SE120H445M SE120H440M SE120H435M SE120H430M SE120H425M SE120H420M	21.23 21.00 20.77 20.54 20.31 20.10 19.85 19.62 19.39	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iv	Mono c-Si PERC Module	SE108H400M (400 Wp)	SE108H410M SE108H405M SE108H400M SE108H395M SE108H390M SE108H385M	20.97 20.71 20.45 20.20 19.94 19.69	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					v	Mono c-Si PERC Module	SE108H375M (375 Wp)	SE108H380M SE108H375M	19.43 19.18	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					vi	Mono c-Si PERC Module	SE96H345M (345 Wp)	SE96H360M SE96H355M SE96H350M SE96H345M SE96H340M SE96H335M	20.62 20.33 20.05 19.76 19.47 19.19	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vii	Bifacial Mono c-Si PERC Module	SE144H520MB (520 Wp)	SE144H540MB SE144H535MB SE144H530MB SE144H525MB SE144H520MB SE144H515MB SE144H510MB SE144H505MB	20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					viii	Bifacial Mono c-Si PERC Module	SE132H480MB (480 Wp)	SE132H500MB SE132H495MB SE132H490MB SE132H485MB SE132H480MB SE132H475MB SE132H470MB SE132H465MB	21.06 20.85 20.64 20.43 20.22 20.01 19.80 19.60	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					ix	Bifacial Mono c-Si PERC Module	SE120H440MB (440 Wp)	SE120H460MB SE120H455MB SE120H450MB SE120H445MB SE120H440MB	21.23 21.00 20.77 20.54 20.31	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
								SE120H435MB 20.10 SE120H430MB 19.85 SE120H425MB 19.62 SE120H420MB 19.39 SE108H410MB 20.97 SE108H405MB 20.71 SE108H400MB 20.45 SE108H395MB 20.20 SE108H390MB 19.94 SE108H385MB 19.69 SE108H380MB 19.43 SE108H375MB 19.18 SE96H360MB 20.62 SE96H355MB 20.33 SE96H350MB 20.05 SE96H345MB 19.76 SE96H340MB 19.47 SE96H335MB 19.19	20.10 19.85 19.62 19.39 20.97 20.71 20.45 20.20 19.94 19.69 19.43 19.18 20.62 20.33 20.05 19.76 19.47 19.19						
					x	Bifacial Mono c-Si PERC Module	SE108H400MB (400 Wp)			108 (Half cut cells)	1500	10.04.2024	09.04.2028		
					xi	Bifacial Mono c-Si PERC Module	SE108H375MB (375Wp)			108 (Half cut cells)	1500	10.04.2024	09.04.2028		
					xii	Bifacial Mono c-Si PERC Module	SE96H345MB (345 Wp)			96 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
70	M/s.Premier Energies International Private Limited	Plot No. S-95, S-96, S-100, S-101, S-102, S-103 & S-104, Raviriyala, Raviriyal(V), Maheswaram(M), Rangareddy (D), Telangana - 501359, India	R-63003719	1320	i	Bifacial N-type TOPCon Module (Glass to Transparent)	PEI-144-565THB-M10 (565 Wp)	PEI-144-545THB-M10 21.09 PEI-144-550THB-M10 21.28 PEI-144-555THB-M10 21.47 PEI-144-560THB-M10 21.67 PEI-144-565THB-M10 21.86 PEI-144-570THB-M10 22.05 PEI-144-575THB-M10 22.25 PEI-144-580THB-M10 22.44 PEI-144-585THB-M10 22.63 PEI-144-590THB-M10 22.83	21.09 21.28 21.47 21.67 21.86 22.05 22.25 22.44 22.63 22.83	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					ii	N-type TOPCon Module (Glass to Transparent)	PEI-132-520THB-M10 (520 Wp)	PEI-132-495THB-M10 20.85 PEI-132-500THB-M10 21.06 PEI-132-505THB-M10 21.28 PEI-132-510THB-M10 21.49 PEI-132-515THB-M10 21.70 PEI-132-520THB-M10 21.91 PEI-132-525THB-M10 22.12 PEI-132-530THB-M10 22.33 PEI-132-535THB-M10 22.54 PEI-132-540THB-M10 22.75	20.85 21.06 21.28 21.49 21.70 21.91 22.12 22.33 22.54 22.75	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-144-535HB-M10 (535 Wp)	PEI-144-535HB-M10 20.70 PEI-144-540HB-M10 20.89 PEI-144-545HB-M10 21.09 PEI-144-550HB-M10 21.28 PEI-144-555HB-M10 21.48 PEI-144-560HB-M10 21.67	20.70 20.89 21.09 21.28 21.48 21.67	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-132-490HB-M10 (490 Wp)	PEI-132-470HB-M10 19.80 PEI-132-475HB-M10 20.01 PEI-132-480HB-M10 20.22 PEI-132-485HB-M10 20.43 PEI-132-490HB-M10 20.64 PEI-132-495HB-M10 20.86 PEI-132-500HB-M10 21.07 PEI-132-505HB-M10 21.28 PEI-132-510HB-M10 21.49	19.80 20.01 20.22 20.43 20.64 20.86 21.07 21.28 21.49	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-144-535HGB-M10 (535 Wp)	PEI-144-535HGB-M10 20.70 PEI-144-540HGB-M10 20.89 PEI-144-545HGB-M10 21.09 PEI-144-550HGB-M10 21.28 PEI-144-555HGB-M10 21.48 PEI-144-560HGB-M10 21.67	20.70 20.89 21.09 21.28 21.48 21.67	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-132-490HGB-M10 (490 Wp)	PEI-132-470HGB-M10 19.80 PEI-132-475HGB-M10 20.01 PEI-132-480HGB-M10 20.22 PEI-132-485HGB-M10 20.43 PEI-132-490HGB-M10 20.64 PEI-132-495HGB-M10 20.86 PEI-132-500HGB-M10 21.07 PEI-132-505HGB-M10 21.28 PEI-132-510HGB-M10 21.49	19.80 20.01 20.22 20.43 20.64 20.86 21.07 21.28 21.49	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
						Bifacial N-type TOPCon		PEI-144-545THB-M10 21.09 PEI-144-550THB-M10 21.28 PEI-144-555THB-M10 21.47 PEI-144-560THB-M10 21.67	21.09 21.28 21.47 21.67						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Monocrystalline Type TOPCon Module (Glass to Glass)	PEI-144-565THGB-M10 (565 Wp)	PEI-144-565THGB-M10 PEI-144-570THGB-M10 PEI-144-575THGB-M10 PEI-144-580THGB-M10 PEI-144-585THGB-M10 PEI-144-590THGB-M10	21.86 22.05 22.25 22.44 22.63 22.83	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					viii	N-type TOPCon Module (Glass to Glass)	PEI-132-520THGB-M10 (520 Wp)	PEI-132-495THGB-M10 PEI-132-500THGB-M10 PEI-132-505THGB-M10 PEI-132-510THGB-M10 PEI-132-515THGB-M10 PEI-132-520THGB-M10 PEI-132-525THGB-M10 PEI-132-530THGB-M10 PEI-132-535THGB-M10 PEI-132-540THGB-M10	20.85 21.06 21.28 21.49 21.70 21.91 22.12 22.33 22.54 22.75	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
71	M/s. Total Solar Technologies Private Limited	Block No. 84 Paiki, Opposite Chachawadi Temple, Changodar, Chachawadi Vasna, Changodar, Ahmedabad - 382213, Gujarat, India	R-72009466	52	i	Mono c-Si PERC Module	TST144MPH-535 (535Wp)	TST144MPH-525 TST144MPH-530 TST144MPH-535 TST144MPH-540	20.00 20.18 20.38 20.58	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Mono c-Si PERC Module	TST132MPH-490 (490Wp)	TST132MPH-480 TST132MPH-490 TST132MPH-495 TST132MPH-500	20.11 20.32 20.53 20.74	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	TST120MPH-445 (445Wp)	TST120MPH-440 TST120MPH-445 TST120MPH-450 TST120MPH-455	19.99 20.22 20.45 20.68	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iv	Mono c-Si PERC Module	TST108MPH-400 (400Wp)	TST108MPH-390 TST108MPH-395 TST108MPH-400 TST108MPH-405 TST108MPH-410	19.60 19.86 20.11 20.36 20.61	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					v	Mono c-Si PERC Module	TST96MPH-360 (360Wp)	TST96MPH-350 TST96MPH-355 TST96MPH-360 TST96MPH-365	19.68 19.96 20.24 20.52	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vi	Mono c-Si PERC Module	TST84MPH-315 (315Wp)	TST84MPH-305 TST84MPH-310 TST84MPH-315 TST84MPH-320	19.46 19.78 20.09 20.41	84 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vii	Mono c-Si PERC Module	TST72MPH-270 (270Wp)	TST72MPH-260 TST72MPH-265 TST72MPH-270 TST72MPH-275	19.16 19.53 19.90 20.27	72 (Half cut Cells)	1500	10.04.2024	09.04.2028
					viii	Mono c-Si PERC Module	TST60MPH-220 (220Wp)	TST60MPH-215 TST60MPH-220 TST60MPH-225	19.22 19.66 20.10	60 (Half Cut Cells)	1500	10.04.2024	09.04.2028
72	M/s. Integrated Batteries India Pvt Ltd	Plot No. 40, Sector -10, Greater Noida, Uttar Pradesh - 201310, India	R-93017612	93	i	Mono c-Si PERC Modules	IBMPF-395 (395 Wp)	IBMPF-380 IBMPF-385 IBMPF-390 IBMPF-395 IBMPF-400 IBMPH-405 IBMPH-410	19.30 19.55 19.81 20.06 20.31 20.57 20.82	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPH-415 IBMPH-420 IBMPH-425 IBMPH-430 IBMPH-435 IBMPH-440 IBMPH-445 IBMPH-450 IBMPH-455	19.05 19.28 19.51 19.74 19.97 20.19 20.42 20.65 20.88	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Modules	IBMPH-480 (480 Wp)	IBMPH-460 IBMPH-465 IBMPH-470 IBMPH-475 IBMPH-480 IBMPH-485 IBMPH-490 IBMPH-495	19.26 19.47 19.68 19.89 20.10 20.31 20.52 20.73	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)	IBMPH-500 IBMPH-505 IBMPH-510 IBMPH-515 IBMPH-520 IBMPH-525 IBMPH-530 IBMPH-535 IBMPH-540 IBMPH-545	20.93 19.57 19.77 19.96 20.16 20.35 20.54 20.74 20.93 21.13	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
73	M/s.ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	i	Bifacial Mono c-Si PERC Module	RPS2MH72BD550 (550Wp)	RPS2MH72BD535 RPS2MH72BD540 RPS2MH72BD545 RPS2MH72BD550 RPS2MH72BD555 RPS2MH72BD560	20.71 20.90 21.10 21.30 21.48 21.68	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Bifacial Mono c-Si PERC Modules	RPS2MH72BD560 (560 Wp)	RPS2MH72BD530 RPS2MH72BD535 RPS2MH72BD540 RPS2MH72BD545 RPS2MH72BD550 RPS2MH72BD555 RPS2MH72BD560	20.52 20.71 20.90 21.10 21.30 21.48 21.68	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
74	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	1179	i	Mono c-Si PERC Module	GMF72HM10540 (540 Wp)	GMF72HM10525 GMF72HM10530 GMF72HM10535 GMF72HM10540 GMF72HM10545 GMF72HM10550	20.32 20.51 20.71 20.90 21.09 21.29	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB72HM10540 (540 Wp)	GMB72HM10525 GMB72HM10530 GMB72HM10535 GMB72HM10540 GMB72HM10545 GMB72HM10550	20.32 20.51 20.71 20.90 21.09 21.29	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	GMF66HM10490 (490 Wp)	GMF66HM10480 GMF66HM10485 GMF66HM10490 GMF66HM10495 GMF66HM10500 GMF66HM10505	20.20 21.41 20.62 20.83 21.04 21.25	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB66HM10490 (490 Wp)	GMB66HM10480 GMB66HM10485 GMB66HM10490 GMB66HM10495 GMB66HM10500 GMB66HM10505	20.20 21.41 20.62 20.83 21.04 21.25	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					v	Mono c-Si PERC Module	GMF60HM10450 (450 Wp)	GMF60HM10435 GMF60HM10440 GMF60HM10445 GMF60HM10450 GMF60HM10455 GMF60HM10460	20.08 20.31 20.54 20.77 21.00 21.23	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB60HM10435 GMB60HM10440 GMB60HM10445 GMB60HM10450 GMB60HM10455 GMB60HM10460	20.08 20.31 20.54 20.77 21.00 21.23	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)	GMF54HM10390 GMF54HM10395 GMF54HM10400 GMF54HM10405 GMF54HM10410 GMF54HM10415	19.93 20.19 20.44 20.70 20.95 21.21	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB54HM10400 (400 Wp)	GMB54HM10390 GMB54HM10395 GMB54HM10400 GMB54HM10405 GMB54HM10410 GMB54HM10415	19.93 20.19 20.44 20.70 20.95 21.21	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GMF48HM10340	19.46				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)	GMF48HM10345	19.75	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GMF48HM10350	20.04																
								GMF48HM10355	20.32																
								GMF48HM10360	20.61																
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB48HM10350 (350 Wp)	GMB48HM10340	19.46	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GMB48HM10345	19.75																
								GMB48HM10350	20.04																
								GMB48HM10355	20.32																
					xi	N Type TOPCon Module	GTG78HM10615 (615 Wp)	GTG78HM10625	20.61	156 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GTG78HM10630	20.90																
								GTG78HM10635	21.18																
								GTG78HM10640	21.47																
					xii	N Type TOPCon Module	GTG72HM10580 (580 Wp)	GTG72HM10590	21.90	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GTG72HM10585	22.18																
								GTG72HM10590	22.46																
								GTG72HM10595	22.74																
					xiii	N Type TOPCon Module	GTG66HM10525 (525 Wp)	GTG66HM10535	21.35	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GTG66HM10540	21.63																
								GTG66HM10545	21.91																
								GTG66HM10550	22.19																
					xiv	N Type TOPCon Module	GTG60HM10475 (475 Wp)	GTG60HM10485	21.85	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GTG60HM10490	22.13																
								GTG60HM10495	22.41																
								GTG60HM10500	22.69																
					xv	N Type TOPCon Module	GTG54HM10425 (425 Wp)	GTG54HM10435	21.35	128 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GTG54HM10440	21.63																
								GTG54HM10445	21.91																
								GTG54HM10450	22.19																
					xvi	N Type TOPCon Module	GTG48HM10375 (375 Wp)	GTG48HM10385	21.85	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								GTG48HM10390	22.13																
								GTG48HM10395	22.41																
								GTG48HM10400	22.69																
					75	M/s. AG Solar Urja Udyog	Plot No. 428 & 443, Khata No. 212/215, Rengali, Sambalpur - 768212, Orissa, India	R-52000205	53	i	Mono c-Si PERC Modules	ASU144CM545Wp (545 Wp)	ASU144CM520Wp	20.15	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
													ASU144CM525Wp	20.34											
													ASU144CM530Wp	20.53											
													ASU144CM535Wp	20.73											
													ASU144CM540Wp	20.92											
													ASU144CM545Wp	21.12											
													ASU144CM550Wp	21.31											
													ASU132CM510Wp	21.48											
													ii	Mono c-Si PERC Module					ASU132CM500Wp (500 Wp)	ASU132CM505Wp	21.27	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
																				ASU132CM500Wp	21.06				
																				ASU132CM495Wp	20.85				
																				ASU132CM490Wp	20.64				
					iii	Mono c-Si PERC Module	ASU120CM435Wp (435 Wp)	ASU120CM450Wp	20.80	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								ASU120CM445Wp	20.57																
								ASU120CM440Wp	20.34																
								ASU120CM435Wp	20.10																
iv	Mono c-Si PERC Module	ASU108CM400Wp (400 Wp)	ASU120CM430Wp	19.87	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028																	
			ASU120CM425Wp	19.64																					
			ASU120CM420Wp	19.41																					
			ASU108CM410Wp	21.00																					
76	M/s. FS India Solar	Plot No. A-1/1, Sipcot Industrial Park,	R-61004316	3212				ASU108CM405Wp	20.74																
								ASU108CM400Wp	20.48																
								ASU108CM395Wp	20.23																
								ASU108CM390Wp	19.97																
								FS-7505-FT1	18.06																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
	Ventures Private Limited	Pillaipakkam - 602105, Tamil Nadu, India			i	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	FS-7510-FT1	18.23	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
								FS-7515-FT1	18.41				
					ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	FS-7520-FT1	18.60	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
							FS-7525-FT1	18.77					
								FS-7530-FT1	18.95				
								FS-7532-FT1	19.02				
								FS-7535-FT1	19.13				
								FS-7540-FT1	19.30				
								FS-7505A-FT1	18.06				
								FS-7510A-FT1	18.23				
								FS-7515A-FT1	18.41				
								FS-7520A-FT1	18.60				
								FS-7525A-FT1	18.77				
								FS-7530A-FT1	18.95				
								FS-7532A-FT1	19.02				
								FS-7535A-FT1	19.13				
								FS-7540A-FT1	19.30				
77	M/s. RenewSys India Pvt Ltd	Sy No. 114/P, Srinagar (V), Fabcity, Maheswaram(M), Ranga Reddy District, Telangana - 501359, India	R-63000760	576	i	Bifacial N type TOPCon Modules	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-650	23.30	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME-645	23.12				
								DESERV EXTREME-640	22.94				
								DESERV EXTREME-635	22.76				
								DESERV EXTREME-630	22.59				
								DESERV EXTREME-625	22.41				
								DESERV EXTREME-620	22.23				
								DESERV EXTREME-615	22.05				
DESERV EXTREME-600	23.26	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV EXTREME-595	23.06												
DESERV EXTREME-590	22.87												
DESERV EXTREME-585	22.68												
DESERV EXTREME-580	22.48												
DESERV EXTREME-575	22.29												
DESERV EXTREME-570	22.09												
DESERV EXTREME-565	21.90												
DESERV EXTREME-500	23.06	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV EXTREME-495	22.83												
DESERV EXTREME-490	22.60												
DESERV EXTREME-485	22.37												
DESERV EXTREME-480	22.13												
DESERV EXTREME-475	21.90												
DESERV EXTREME-470	21.67												
DESERV EXTREME-465	21.44												
DESERV EXTREME-450	22.97	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV EXTREME-445	22.72												
DESERV EXTREME-440	22.46												
DESERV EXTREME-435	22.21												
DESERV EXTREME-430	21.95												
DESERV EXTREME-425	21.70												
DESERV EXTREME-420	21.44												
DESERV EXTREME-415	21.18												
DESERV SGALACTIC-635	22.76	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV SGALACTIC-630	22.59												
DESERV SGALACTIC-625	22.41												
DESERV SGALACTIC-620	22.23												
DESERV SGALACTIC-615	22.05												
DESERV SGALACTIC-590	22.87												
DESERV SGALACTIC-585	22.68												
DESERV SGALACTIC-580	22.48												
DESERV SGALACTIC-575	22.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV SGALACTIC-570	22.09												
DESERV SGALACTIC-565	21.90												
DESERV SGALACTIC-490	22.60												
DESERV SGALACTIC-485	22.37												
DESERV SGALACTIC-480	22.13												
DESERV SGALACTIC-475	21.90												
DESERV SGALACTIC-470	21.67												
DESERV SGALACTIC-465	21.44	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV SGALACTIC-460	21.44												
DESERV SGALACTIC-440	22.46												
DESERV SGALACTIC-435	22.21												
DESERV SGALACTIC-430	21.95												
DESERV SGALACTIC-425	21.70												
DESERV SGALACTIC-420	21.44												
DESERV SGALACTIC-415	21.18												
DESERV SGALACTIC-440	22.21	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
DESERV SGALACTIC-430	21.95												
DESERV SGALACTIC-425	21.70												
DESERV SGALACTIC-420	21.44												
DESERV SGALACTIC-415	21.18												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
78	M/s. Oswal Solar Structure Pvt. Ltd.	Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India	R-91013935	170	i	Mono c-Si PERC Module	OSWAL265MPD72 (265 Wp)	OSWAL255MPD72	19.06	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL260MPD72	19.43				
								OSWAL265MPD72	19.80				
								OSWAL270MPD72	20.18				
					ii	Mono c-Si PERC Module	OSWAL265MPN72 (265 Wp)	OSWAL275MPD72	20.55				
								OSWAL255MPN72	19.06				
								OSWAL260MPN72	19.43				
								OSWAL265MPN72	19.80				
					iii	Mono c-Si PERC Module	OSWAL350MPD96 (350 Wp)	OSWAL270MPN72	20.18				
								OSWAL275MPN72	20.55				
								OSWAL335MPD96	19.06				
								OSWAL340MPD96	19.34				
iv	Mono c-Si PERC Module	OSWAL350MPN96 (350 Wp)	OSWAL345MPD96	19.63									
			OSWAL350MPD96	19.91									
			OSWAL355MPD96	20.20									
			OSWAL360MPD96	20.48									
v	Mono c-Si PERC Module	OSWAL390MPD108 (390 Wp)	OSWAL365MPD96	20.76									
			OSWAL335MPN96	19.06									
			OSWAL340MPN96	19.34									
			OSWAL345MPN96	19.63									
vi	Mono c-Si PERC Module	OSWAL410MPD108 (410 Wp)	OSWAL350MPN96	19.91									
			OSWAL355MPN96	20.20									
			OSWAL360MPN96	20.48									
			OSWAL365MPN96	20.76									
vii	Mono c-Si PERC Module	OSWAL390MPN108 (390 Wp)	OSWAL375MPD108	19.11									
			OSWAL380MPD108	19.37									
			OSWAL385MPD108	19.62									
			OSWAL390MPD108	19.88									
viii	Mono c-Si PERC Module	OSWAL410MPN108 (410 Wp)	OSWAL395MPD108	20.13									
			OSWAL400MPD108	20.39									
			OSWAL405MPD108	20.64									
			OSWAL410MPN108	20.90									
ix	Mono c-Si PERC Module	OSWAL435MPD120 (435 Wp)	OSWAL415MPN108	19.11									
			OSWAL380MPN108	19.37									
			OSWAL385MPN108	19.62									
			OSWAL390MPN108	19.88									
x	Mono c-Si PERC Module	OSWAL435MPN120 (435 Wp)	OSWAL395MPN108	20.13									
			OSWAL400MPN108	20.39									
			OSWAL405MPN108	20.64									
			OSWAL410MPN108	20.90									
xi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL415MPD120	19.11									
			OSWAL420MPD120	19.34									
			OSWAL425MPD120	19.57									
			OSWAL430MPD120	19.80									
xii	Mono c-Si PERC Module	OSWAL500MPD132 (500 Wp)	OSWAL435MPD120	20.03									
			OSWAL440MPD120	20.26									
			OSWAL445MPD120	20.49									
			OSWAL450MPD120	20.72									
xiii	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL455MPD120	20.95									
			OSWAL415MPN120	19.11									
			OSWAL420MPN120	19.34									
			OSWAL425MPN120	19.57									
xiv	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL430MPN120	19.80									
			OSWAL435MPN120	20.03									
			OSWAL440MPN120	20.26									
			OSWAL445MPN120	20.49									
xv	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL450MPN120	20.72									
			OSWAL455MPN120	20.95									
			OSWAL455MPD132	19.20									
			OSWAL460MPD132	19.41									
xvi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL465MPD132	19.62									
			OSWAL470MPD132	19.83									
			OSWAL475MPD132	20.04									
			OSWAL480MPD132	20.25									
xvii	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL485MPD132	20.46									
			OSWAL490MPD132	20.67									
			OSWAL495MPD132	20.88									
			OSWAL500MPD132	21.10									
xviii	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL455MPN132	19.20									
			OSWAL455MPN132	19.20									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
					xiii	Mono c-Si PERC Module	OSWAL475MPN132 (475 Wp)	OSWAL460MPN132	19.41	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
								OSWAL465MPN132	19.62						
								OSWAL470MPN132	19.83						
								OSWAL475MPN132	20.04						
								OSWAL480MPN132	20.25						
								OSWAL485MPN132	20.46						
								OSWAL490MPN132	20.67						
								OSWAL495MPN132	20.88						
					xiv	Mono c-Si PERC Module	OSWAL500MPN132	OSWAL500MPN132	21.10	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
								OSWAL495MP144	19.16						
					xv	Mono c-Si PERC Module	OSWAL520MP144 (520 Wp)	OSWAL500MP144	19.35	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
								OSWAL505MP144	19.54						
								OSWAL510MP144	19.74						
								OSWAL515MP144	19.94						
								OSWAL520MP144	20.13						
								OSWAL525MP144	20.32						
								OSWAL530MP144	20.51						
								OSWAL535MP144	20.71						
								OSWAL540MP144	20.90						
								OSWAL545MP144	21.09						
OSWAL550MP144	21.29														
xvi	Mono c-Si PERC Module	OSWAL550MP144	OSWAL550MP144	21.29				144 (Half Cut Cells)	1500					24.05.2024	23.05.2028
			OSWAL495MPN144	19.16											
			OSWAL500MPN144	19.35											
			OSWAL505MPN144	19.54											
			OSWAL510MPN144	19.74											
			OSWAL515MPN144	19.94											
			OSWAL520MPN144	20.13											
			OSWAL525MPN144	20.32											
			OSWAL530MPN144	20.51											
			OSWAL535MPN144	20.71											
xvii	Mono c-Si PERC Module	OSWAL520MPN144 (520 Wp)	OSWAL540MPN144	20.90	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028							
			OSWAL545MPN144	21.09											
			OSWAL550MPN144	21.29											
			OSWAL495MPN144	19.16											
			OSWAL500MPN144	19.35											
			OSWAL505MPN144	19.54											
			OSWAL510MPN144	19.74											
			OSWAL515MPN144	19.94											
			OSWAL520MPN144	20.13											
			OSWAL525MPN144	20.32											
xviii	Mono c-Si PERC Module	OSWAL550MPN144 (550 Wp)	OSWAL525MPN144	20.32	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028							
			OSWAL530MPN144	20.51											
			OSWAL535MPN144	20.71											
			OSWAL540MPN144	20.90											
			OSWAL545MPN144	21.09											
			OSWAL550MPN144	21.29											
			OSWAL50MP156	19.70											
			OSWAL55MP156	19.88											
			OSWAL56MP156	20.06											
			OSWAL565MP156	20.24											
xix	Mono c-Si PERC Module	OSWAL570MP156 (570 Wp)	OSWAL570MP156	20.42	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028							
			OSWAL575MP156	20.59											
			OSWAL580MP156	20.77											
			OSWAL585MP156	20.95											
			OSWAL590MP156	21.13											
			OSWAL595MP156	21.31											
			HQL144CMD520Wp	20.14					144 (Half Cut Cells)	1500	24.05.2024	23.05.2028			
			HQL144CMD525Wp	20.34											
			HQL144CMD530Wp	20.53											
			HQL144CMD535Wp	20.73											
			HQL144CMD540Wp	20.92											
			HQL144CMD545Wp	21.12											
HQL144CMD550Wp	21.31														
HQL144CMD495Wp	19.18														
HQL144CMD500Wp	19.36														
HQL144CMD505Wp	19.55														
HQL144CMD510Wp	19.74														
HQL144CMD515Wp	19.94														
ii	Mono c-Si PERC Modules	HQL144CMD505 Wp	HQL132CMD450Wp	19.03	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028							
			HQL132CMD455Wp	19.24											
			HQL132CMD460Wp	19.45											
			HQL132CMD465Wp	19.67											
			HQL132CMD470Wp	19.88											
			HQL132CMD475Wp	20.09											
			HQL132CMD480Wp	20.30											
			HQL132CMD485Wp	20.51											
			HQL132CMD490Wp	20.72											
			HQL132CMD495Wp	20.93											
iii	Mono c-Si PERC Modules	HQL132CMD 465Wp (465 Wp)	HQL132CMD500Wp	21.15	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028							
			HQL120CMD410Wp	19.02											
			HQL120CMD415Wp	19.25											
			HQL120CMD420Wp	19.48											
			HQL120CMD425Wp	19.71											
			HQL120CMD430Wp	19.94											
			iv	Mono c-Si PERC Modules					HQL132CMD 490Wp (490 Wp)	HQL132CMD455Wp	19.24	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
										HQL132CMD460Wp	19.45				
										HQL132CMD465Wp	19.67				
										HQL132CMD470Wp	19.88				
HQL132CMD475Wp	20.09														
HQL132CMD480Wp	20.30														
HQL132CMD485Wp	20.51														
HQL132CMD490Wp	20.72														
HQL132CMD495Wp	20.93														
HQL132CMD500Wp	21.15														
v	Mono c-Si PERC Modules	HQL120CMD 425Wp (425 Wp)	HQL120CMD410Wp	19.02	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028							
			HQL120CMD415Wp	19.25											
			HQL120CMD420Wp	19.48											
			HQL120CMD425Wp	19.71											
			HQL120CMD430Wp	19.94											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Modules	HQL120CMD 450Wp (450 Wp)	HQL120CMD435Wp HQL120CMD440Wp HQL120CMD445Wp HQL120CMD450Wp HQL120CMD455Wp	20.18 20.41 20.64 20.87 21.10	120 (Half Cut Cells)	1500		
					vii	Mono c-Si PERC Modules	HQL108CMD 385Wp (385 Wp)	HQL108CMD370Wp HQL108CMD375Wp HQL108CMD380Wp HQL108CMD385Wp HQL108CMD390Wp HQL108CMD395Wp	19.13 19.38 19.64 19.90 20.16 20.42	108 (Half Cut Cells)	1500		
					viii	Mono c-Si Modules	HQL36CMD1 20Wp(120 Wp)	HQL36CMN120Wp	19.88	36 (Half Cut Cells)	600		
80	M/s. ADM Solar Power & Infrastructure Pvt. Ltd.	Plot No: 22/1, The Printer House Private Limited, Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana -121004, India	R-93011576	141	i	Mono c-Si PERC Module	ADM270-72M (270Wp)	ADM260-72M ADM265-72M ADM270-72M ADM275-72M ADM280-72M ADM350-96M	19.76 19.76 20.14 20.52 20.90 21.28	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ii	Mono c-Si PERC Module	ADM360-96M (360Wp)	ADM355-96M ADM360-96M ADM365-96M	20.22 20.50 20.79	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iii	Mono c-Si PERC Module	ADM405-108M (405Wp)	ADM370-96M ADM400-108M ADM405-108M ADM410-108M ADM415-108M	21.07 20.33 20.58 20.83 21.09	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iv	Mono c-Si PERC Module	ADM450-120M (450Wp)	ADM445-120M ADM450-120M ADM455-120M ADM460-120M	20.43 20.66 20.89 21.12	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					v	Mono c-Si PERC Module	ADM500-132M (500Wp)	ADM485-132M ADM490-132M ADM495-132M ADM500-132M ADM505-132M ADM510-132M	20.31 20.52 20.73 20.94 21.15 21.36	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vi	Mono c-Si PERC Module	ADM525-144M (525Wp)	ADM500-144M ADM505-144M ADM510-144M ADM515-144M ADM520-144M ADM525-144M ADM530-144M ADM535-144M ADM540-144M ADM545-144M ADM550-144M ADM555-144M ADM575-156M	19.38 19.58 19.77 19.97 20.16 20.35 20.51 20.71 20.90 21.09 21.29 21.48 20.57	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vii	Mono c-Si PERC Module	ADM590-156M (590Wp)	ADM580-156M ADM585-156M ADM590-156M	20.74 20.92 21.10	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
81	M/s. Cosmic PV Power Pvt. Ltd.	Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat-394170, Gujarat, India	R-72009539	185	i	Mono c-Si PERC Module	COS TWIN-525 (525Wp)	COS TWIN-510 COS TWIN-515 COS TWIN-520 COS TWIN-525 COS TWIN-530 COS TWIN-535 COS TWIN-540 COS TWIN-545 COS TWIN-550 LUM 24590M	19.74 19.93 20.13 20.32 20.51 20.71 20.90 21.10 21.30 21.11	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
82	M/s. Luminous Power Technologies Pvt. Ltd.	Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T IIE Sidcul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410 and R- 83011479	300	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	LUM 24585M LUM 24580M LUM 24575M LUM 24570M LUM 24565M LUM 24560M LUM 24555M LUM 24550M LUM 24545M	20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24540M LUM 24535M LUM 24530M LUM 24525M LUM 24520M LUM 24515M LUM 24510M LUM 24505M LUM 24500M	20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24495M LUM 24490M LUM 24485M LUM 24480M LUM 24475M LUM 24470M LUM 24465M LUM24460M LUM24455M LUM 24450M LUM 24445M LUM 24440M LUM 24435M LUM 24430M LUM 24425M LUM 24420M	20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24400M LUM 24395M LUM 24390M LUM 24385M LUM 24380M LUM 24375M	20.48 20.23 19.97 19.71 19.46 19.20	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24630T156 LUM 24625T156 LUM 24620T156 LUM 24615T156 LUM 24610T156 LUM 24605T156 LUM 24600T156 LUM 24595T156 LUM 24590T156 LUM 24585T156 LUM 24580T156 LUM 24575T156 LUM 24570T156	22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24590T144 LUM 24585T144 LUM 24580T144 LUM 24575T144 LUM 24570T144 LUM 24570T144 LUM 24565T144 LUM 24560T144 LUM 24555T144 LUM 24550T144 LUM 24545T144 LUM 24540T144	22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	AMS 24590M AMS 24585M AMS 24580M AMS 24575M AMS 24570M AMS 24565M AMS 24560M AMS 24555M AMS 24550M AMS 24545M AMS 24540M AMS 24535M	21.11 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
					ix	Mono c-Si PERC Module	AMS 24570M (570 Wp)							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Mono c-Si PERC Module	AMS 24530M (530 Wp)	AMS 24530M AMS 24525M AMS 24520M AMS 24515M AMS 24510M AMS 24505M AMS 24500M AMS 24495M	20.51 20.31 20.12 19.93 19.74 19.54 19.35 20.85	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xi	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24490M AMS 24485M AMS 24480M AMS 24475M AMS 24470M AMS 24465M AMS24460M AMS24455M	20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xii	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24450M AMS 24445M AMS 24440M AMS 24435M AMS 24430M AMS 24425M AMS 24420M AMS 24415M AMS 24400M	20.80 20.57 20.33 20.10 19.87 19.64 19.41 19.18 20.48	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xiii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24395M AMS 24390M AMS 24385M AMS 24380M AMS 24375M AMS 24630T156	20.23 19.97 19.71 19.46 19.20 22.54	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xiv	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24625T156 AMS 24620T156 AMS 24615T156 AMS 24610T156 AMS 24605T156 AMS 24600T156 AMS 24595T156 AMS 24590T156 AMS 24585T156 AMS 24580T156 AMS 24575T156 AMS 24570T156 AMS 24590T144 AMS 24585T144 AMS 24580T144 AMS 24575T144 AMS 24570T144 AMS 24565T144 AMS 24560T144 AMS 24555T144 AMS 24550T144 AMS 24545T144 AMS 24540T144	22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24535T144 AMS 24530T144	20.70 20.89	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xvi	N type TOPCon Modules	AMS 24535T144 (535 Wp)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xvii	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (540 Wp)	LUM 24540TG144 LUM 24545TG144 LUM 24550TG144 LUM 24555TG144 LUM 24560TG144 LUM 24565TG144 LUM 24570TG144 LUM 24575TG144 LUM 24580TG144 LUM 24585TG144 LUM 24590TG144 LUM 24595TG144	20.89 21.09 21.28 21.48 21.67 21.86 22.06 22.25 22.44 22.64 22.83 23.02	144 (Half Cut Cells)	1500		
					xviii	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (570 Wp)	LUM 24540TG144 LUM 24545TG144 LUM 24550TG144 LUM 24555TG144 LUM 24560TG144 LUM 24565TG144 LUM 24570TG144 LUM 24575TG144 LUM 24580TG144 LUM 24585TG144 LUM 24590TG144 LUM 24595TG144	20.89 21.09 21.28 21.48 21.67 21.86 22.06 22.25 22.44 22.64 22.83 23.02	144 (Half Cut Cells)	1500		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					xix	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24600TG156 (600 Wp)	LUM 24570TG156	20.39	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028												
								LUM 24575TG156	20.57																
								LUM 24580TG156	20.75																
								LUM 24585TG156	20.93																
								LUM 24590TG156	21.11																
								LUM 24595TG156	21.29																
								LUM 24600TG156	21.46																
								LUM 24605TG156	21.64																
								LUM 24610TG156	21.82																
								LUM 24615TG156	22.00																
								LUM 24620TG156	22.18																
								LUM 24625TG156	22.36																
								LUM 24630TG156	22.54																
								xx	Bifacial Mono C-Si PERC Module (Glass to Glass)					LUM24575MG (575Wp)	LUM 24560MG	20.03	156 (Half Cut Cells)	1500							
					LUM 24565MG	20.21																			
					LUM 24570MG	20.39																			
					LUM 24575MG	20.57																			
					LUM 24580MG	20.75																			
					LUM 24585MG	20.93																			
					xxi	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24500MG (500 Wp)	LUM 24500MG	19.35	144(Half Cut Cells)	1500														
								LUM 24505MG	19.54																
					xxii	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24530MG (530 Wp)	LUM 24510MG	19.73	144 (Half Cut Cells)	1500														
								LUM 24515MG	19.93																
								LUM 24520MG	20.12																
								LUM 24525MG	20.31																
								LUM 24530MG	20.51																
								LUM 24535MG	20.70																
								LUM 24540MG	20.89																
LUM 24545MG	21.09																								
LUM 24550MG	21.28																								
LUM 24555MG	21.48																								
xxiii	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM 24475MG (475 Wp)	LUM 24455MG	19.17				132 (Half Cut Cells)	1500																
			LUM 24460MG	19.38																					
			LUM 24465MG	19.59																					
			LUM 24470MG	19.80																					
			LUM 24475MG	20.01																					
			LUM 24480MG	20.22																					
			LUM 24485MG	20.43																					
			LUM 24490MG	20.64																					
xxiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24430MG (430 Wp)	LUM 24415MG	19.18	120 (Half Cut Cells)	1500																			
			LUM 24420MG	19.41																					
			LUM 24425MG	19.64																					
			LUM 24430MG	19.87																					
			LUM 24435MG	20.10																					
			LUM 24440MG	20.34																					
			LUM 24445MG	20.57																					
			LUM 24450MG	20.80																					
xxv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24385MG (385 Wp)	LUM 24375MG	19.20	108 (Half Cut Cells)	1500																			
			LUM 24380MG	19.46																					
			LUM 24385MG	19.72																					
			LUM 24390MG	19.97																					
			LUM 24395MG	20.23																					
			LUM 24400MG	20.48																					
83	M/s. Tata Power Renewable Energy Limited (Formerly M/s. Tata Power Solar Systems Ltd)	Plot No. 24-B, Industrial Shed, SY No 123, Jigani 1st Phase, Industrial Area, Jigani, Anekal Taluk, Hobli, Bengaluru, Rural Karnataka-560105, India	R-62002585	94	i	Mono c-Si PERC Modules	TP520HG10 (520 Wp)	TP495HG10	19.20	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028												
								TP500HG10	19.40																
								TP505HG10	19.59																
								TP510HG10	19.79																
								TP515HG10	19.98																
								TP520HG10	20.17																
								TP525HG10	20.37																
								TP530HG10	20.56																
								TP535HG10	20.76																
								TP540HG10	20.95																
								TP545HG10	21.10																
								84	M/s. PV Power Technologies Private Limited					Plot No.60, Tarapur Textile Park limited, Boisar Chillar Road, Sai Baba Bolevard Township, Boisar East, Palghar - 401501, Maharashtra, India	R-71007650	86	i	Mono c-Si PERC Module	ECO 400MH (400 Wp)	ECO 380MH	19.11	72 (Full Cells)	1500	08.07.2024	07.07.2028
																				ECO 385MH	19.36				
																				ECO 390MH	19.62				
ECO 395MH	19.87																								
ECO 400MH	20.12																								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
85	M/s. Emmvee Energy Private Limited	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62004626	1504	i	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E525HCBG144 (525 Wp)	E550HCBG144	21.29	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E545HCBG144	21.10				
								E540HCBG144	20.90				
								E535HCBG144	20.71				
								E530HCBG144	20.52				
								E525HCBG144	20.32				
								E520HCBG144	20.13				
								E515HCBG144	19.94				
								E510HCBG144	19.74				
								E505HCBG144	19.55				
					E500HCBG144	19.36							
					ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E495HCBG144 (495 Wp)	E495HCBG144	19.16	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
					iii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E490HCBG132 (490 Wp)	E500HCBG132	21.03	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E495HCBG132	20.82				
								E490HCBG132	20.61				
								E485HCBG132	20.40				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E480HCBG132	20.19	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E450HCBG120	20.74				
								E445HCBG120	20.51				
								E440HCBG120	20.28				
								E435HCBG120	20.05				
								E430HCBG120	19.82				
								E425HCBG120	19.59				
								E420HCBG120	19.36				
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E395HCBG108 (395 Wp)	E415HCBG120	19.13	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E405HCBG108	20.76				
								E400HCBG108	20.51				
								E395HCBG108	20.25				
								E390HCBG108	20.00				
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E385HCBG108	19.74	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E580HCBG144-T	22.45				
								E575HCBG144-T	22.26				
								E570HCBG144-T	22.07				
								E565HCBG144-T	21.87				
								E560HCBG144-T	21.68				
								E555HCBG144-T	21.48				
								E550HCBG144-T	21.29				
								E545HCBG144-T	21.10				
								E540HCBG144-T	20.90				
					E535HCBG144-T	20.71							
					E530HCBG144-T	20.52							
					vii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T	22.29	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E525HCBG132-T	22.08									
			E520HCBG132-T	21.87									
			E515HCBG132-T	21.66									
			E510HCBG132-T	21.45									
			E505HCBG132-T	21.24									
			E500HCBG132-T	21.03									
			E495HCBG132-T	20.82									
			E490HCBG132-T	20.61									
			E485HCBG132-T	20.40									
			E480HCBG132-T	20.19									
			E475HCBG120-T	21.90									
			E470HCBG120-T	21.67									
ix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E465HCBG120-T	21.44	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E460HCBG120-T	21.20									
			E455HCBG120-T	20.97									
			E450HCBG120-T	20.74									
			E445HCBG120-T	20.51									
			E440HCBG120-T	20.28									
			E435HCBG108-T	22.30									
			E430HCBG108-T	22.05									
			E425HCBG108-T	21.79									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E420HCBG108-T E415HCBG108-T E410HCBG108-T E405HCBG108-T E400HCBG108-T E395HCBG108-T	21.53 21.28 21.02 20.76 20.51 20.25	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
86	M/s. Lubi Electronics	Survey No. 75, Opposite Essar Petrol Pump, Prantiya, Gandinagar - 382355, Gujarat, India	R-72002380	40	i	Mono c-Si PERC Module	LE24M395 (395 Wp)	LE24M410 LE24M405 LE24M400 LE24M395 LE24M390 LE24M385 LE24M380	20.88 20.63 20.37 20.12 19.86 19.61 19.36	72 (Full Cells)	1500	08.07.2024	07.07.2028
		Co-ALMM with M/s. Solex Energy Limited Manufacturing Address: Plot No 1A, Block 93B, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat, India	R-72011304	20 MW/Year (As per Co-Branding Agreement)	ii	Mono c-Si PERC Module	LE144M530H (530 Wp)	LE144M555H LE144M550H LE144M545H LE144M540H LE144M535H LE144M530H LE144M525H LE144M520H LE144M515H LE144M510H LE144M505H	21.48 21.29 21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					iii	Mono c-Si PERC Module	LE144M500H (500 Wp)	LE144M500H	19.35	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					iv	Bifacial Mono c-Si PERC Module	LE144MBF525H (525 Wp)	LE144MBF550H LE144MBF545H LE144MBF540H LE144MBF535H LE144MBF530H LE144MBF525H LE144MBF520H LE144MBF515H LE144MBF510H LE144MBF505H LE144MBF500H	21.29 21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.35	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					v	Mono c-Si PERC Module	LE132M485H (485 Wp)	LE132M505H LE132M500H LE132M495H LE132M490H LE132M485H LE132M480H LE132M475H LE132M470H LE132M465H LE132M460H	21.26 21.05 20.83 20.62 20.41 20.20 19.99 19.78 19.57 19.36	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					vi	Bifacial Mono c-Si PERC Module	LE132MBF480H (480 Wp)	LE132MBF500H LE132MBF495H LE132MBF490H LE132MBF485H LE132MBF480H LE132MBF475H LE132MBF470H LE132MBF465H LE132MBF460H	21.05 20.83 20.62 20.41 20.20 19.99 19.78 19.57 19.36	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					vii	Bifacial Mono c-Si PERC Module	LE132MBF455H (455 Wp)	LE132MBF455H	19.15	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					viii	Mono c-Si PERC Module	LE120M440H (440 Wp)	LE120M460H LE120M455H LE120M450H LE120M445H LE120M440H LE120M435H LE120M430H LE120M425H	21.18 20.95 20.72 20.49 20.26 20.03 19.80 19.57	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					ix	Mono c-Si PERC Module	LE120M420H (420 Wp)	LE120M420H	19.34	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
						Rifacial Mono c-Si PFR	IF120MR435H	LE120MBF455H LE120MBF450H LE120MBF445H LE120MBF440H	20.95 20.72 20.49 20.26				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					x	Bifacial Mono c-Si PERC Module	LE120MBF435H (435 Wp)	LE120MBF435H LE120MBF430H LE120MBF425H LE120MBF420H LE120MBF415H	20.03 19.80 19.57 19.34 19.11	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025					
					xi	Mono c-Si PERC Module	LE108M400H (400 Wp)	LE108M415H LE108M410H LE108M405H LE108M400H LE108M395H LE108M390H LE108M385H LE108M380H	21.15 20.90 20.64 20.39 20.13 19.88 19.62 19.37	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025					
					xii	Mono c-Si PERC Module	LE108M375H (375 Wp)	LE108M375H	19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025					
					xiii	Bifacial Mono c-Si PERC Module	LE108MBF385H (385 Wp)	LE108MBF410H LE108MBF405H LE108MBF400H LE108MBF395H LE108MBF390H LE108MBF385H LE108MBF380H LE108MBF375H	20.90 20.64 20.39 20.13 19.88 19.62 19.37 19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025					
					87	M/s Avaada Electro Private Limited	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93030724	1165	i	Bifacial N-Type TOPCon Modules	AVN72M10G575 (575 Wp)	AVN72M10G565 AVN72M10G570 AVN72M10G575 AVN72M10G580 AVN72M10G585	21.87 22.06 22.26 22.45 22.64	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Bifacial N-Type TOPCon Modules	AVN66M10G525 (525 Wp)	AVN66M10G515 AVN66M10G520 AVN66M10G525 AVN66M10G530 AVN66M10G535	21.69 21.90 22.11 22.32 22.53	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
					iii	Bifacial N-Type TOPCon Modules	AVN60M10G475 (475 Wp)	AVN60M10G465 AVN60M10G470 AVN60M10G475 AVN60M10G480 AVN60M10G485	21.47 21.70 21.93 22.16 22.39	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
					88	M/s. Laxmi Solar Power System Private Limited	Khasra No. 192, Harsun Tiladahdh Kharora near ITBP camp, Raipur - 493225, Chhattisgarh, India	R-59000442	121	i	Mono c-Si PERC Modules	LSP 530 (530 Wp)	LSP 520 LSP 525 LSP 530 LSP 535 LSP 540	20.13 20.32 20.52 20.71 20.90	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Mono c-Si PERC Modules	LSP 435 (435 Wp)	LSP 420 LSP 425 LSP 430 LSP 435 LSP 440 LSP 445 LSP 450	19.41 19.64 19.87 20.10 20.33 20.57 20.80	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
					iii	Mono c-Si PERC Modules	LSP 400 (400 Wp)	LSP 390 LSP 395 LSP 400 LSP 405 LSP 410	19.97 20.23 20.48 20.74 20.99	108 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
					89	M/s. Uratom Solar (India) Private Limited	Survey No. 752 P1, National Highway 27, Near Chordi Village, Gondal - 360311, Gujarat, India	R-72010081	46	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 144 - 530 WP (530 Wp)	USM10 - 144 - 510 WP USM10 - 144 - 515 WP USM10 - 144 - 520 WP USM10 - 144 - 525 WP USM10 - 144 - 530 WP USM10 - 144 - 535 WP USM10 - 144 - 540 WP USM10 - 144 - 545 WP USM10 - 144 - 550 WP	19.72 19.91 20.10 20.30 20.49 20.68 20.88 21.07 21.26	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent)	USM10 - 132 - 490 WP (490 Wp)	USM10 - 132 - 495 WP USM10 - 132 - 500 WP USM10 - 132 - 505 WP USM10 - 120 - 425 WP	19.14 19.33 19.52 19.63	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028					
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 120 - 440 WP (440 Wp)	USM10 - 120 - 430 WP USM10 - 120 - 435 WP USM10 - 120 - 440 WP USM10 - 120 - 445 WP	19.86 20.09 20.32 20.55	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028										

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								USM10 - 120 - 450 WP	20.78				
								USM10 - 120 - 455 WP	21.01				
								USM10 - 120 - 460 WP	21.24				
90	M/s Powertrac Solar Projects Limited	LS No. - 248/2, Opp. Rai Bus stand, Wadhwan-Limbdi Highway, Taluko Wadhwan, Sankali, Surendranagar-363030, Gujarat, India	R-72007269	47	i	Mono c-Si PERC Modules	PSPL144MPMS30 (530 Wp)	PSPL144MPMS05	19.54	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								PSPL144MPMS10	19.73				
								PSPL144MPMS15	19.93				
								PSPL144MPMS20	20.12				
								PSPL144MPMS25	20.31				
								PSPL144MPMS30	20.51				
								PSPL144MPMS35	20.70				
								PSPL144MPMS40	20.89				
								PSPL144MPMS45	21.09				
								PSPL144MPMS50	21.28				
					ii	Mono c-Si PERC Modules	PSPL156MPMS70 (570 Wp)	PSPL156MPMS45	19.49				
								PSPL156MPMS50	19.67				
								PSPL156MPMS55	19.85				
								PSPL156MPMS60	20.02				
								PSPL156MPMS65	20.20				
								PSPL156MPMS70	20.38				
								PSPL156MPMS75	20.56				
								PSPL156MPMS80	20.74				
								PSPL156MPMS85	20.92				
								PSPL156MPMS90	21.10				
91	M/s. Sun N Sand Exim (India) Pvt. Ltd.	Plot No- 106, Sector 16, HSIDC Industrial Estate, Bahadurgarh, Distt. Jhajjar, Haryana – 124507, India	R-91004529	69	i	Mono c-Si PERC Modules	SNS120CM340Wp (340 Wp)	SNS120CM330Wp	19.58	120 (Half Cut Cell)	1500	27.09.2024	26.09.2028
								SNS120CM335Wp	19.88				
								SNS120CM340Wp	20.18				
								SNS120CM345Wp	20.47				
								SNS120CM350Wp	20.77				
					ii	Mono c-Si PERC Modules	SNS120CM450Wp (450 Wp)	SNS120CM435Wp	20.06				
								SNS120CM440Wp	20.29				
								SNS120CM445Wp	20.52				
								SNS120CM450Wp	20.75				
								SNS120CM455Wp	20.99				
					iii	Mono c-Si PERC Modules	SNS132CM375Wp (375 Wp)	SNS120CM460Wp	21.22				
								SNS132CM365Wp	19.78				
								SNS132CM370Wp	20.05				
								SNS132CM375Wp	20.33				
								SNS132CM380Wp	20.6				
					iv	Mono c-Si PERC Modules	SNS132CM490Wp (490 Wp)	SNS132CM385Wp	20.87				
								SNS132CM475Wp	20.01				
								SNS132CM480Wp	20.22				
								SNS132CM485Wp	20.43				
								SNS132CM490Wp	20.64				
SNS132CM495Wp	20.86												
SNS132CM500Wp	21.07												
SNS132CM505Wp	21.28												
SNS132CM510Wp	21.49												
SNS144CM530Wp	20.52												
v	Mono c-Si PERC Modules	SNS144CM550Wp (550 Wp)	SNS144CM535Wp	20.71									
			SNS144CM540Wp	20.9									
			SNS144CM545Wp	21.1									
			SNS144CM550Wp	21.29									
			SNS144CM555Wp	21.48									
			SNS144CM560Wp	21.68									
			SNS144CM565Wp	21.87									
			SNS144CM570Wp	22.07									
			SNS36CM135Wp	19.61									
			vi	Mono c-Si PERC Modules	SNS36CM135Wp (135 Wp)	SNS36CM150Wp	19.41						
SNS36CM155Wp	20.05												
vii	Mono c-Si PERC Modules	SNS36CM175Wp (175 Wp)	SNS36CM175Wp	19.64									
			SNS36CM180Wp	20.2									
viii	Mono c-Si PERC Modules	SNS96CM275Wp (275 Wp)	SNS96CM265Wp	19.49									
			SNS96CM270Wp	19.85									
			SNS96CM275Wp	20.22									
			SNS96CM280Wp	20.59									
			SNS96CM350Wp	20.03									
ix	Mono c-Si PERC Modules	SNS96CM360Wp (360 Wp)	SNS96CM355Wp	20.31									
			SNS96CM360Wp	20.6									
			SNS96CM365Wp	20.89									
			SNS96CM370Wp	21.17									
			SNS96CM370Wp	21.17									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
92	Junna Solar Systems Limited	Unit – II Plot Number 21, Chandanvaely, Sy No 195, Shabad Mandal, Hythabad, Ranga Reddy, Telangana, India-501503	R-63004146	94	i	Mono c-Si PERC Module	JUNNA525MP144 (525 Wp)	JUNNA550MP144	21.31	144 (Half Cut Cell)	1500V	27.09.2024	26.09.2028							
								JUNNA545MP144	21.12											
								JUNNA540MP144	20.92											
								JUNNA535MP144	20.73											
								JUNNA530MP144	20.53											
								JUNNA525MP144	20.34											
								JUNNA520MP144	20.15											
								JUNNA515MP144	19.95											
								JUNNA510MP144	19.76											
								JUNNA505MP144	19.57											
								JUNNA500MP144	19.37											
								ii	Mono c-Si PERC Module					JUNNA480MP132 (480 Wp)	JUNNA500MP132	21.06	132 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
					JUNNA495MP132	20.85														
					JUNNA490MP132	20.64														
					JUNNA485MP132	20.43														
					JUNNA480MP132	20.22														
					JUNNA475MP132	20.01														
					JUNNA470MP132	19.80														
					JUNNA465MP132	19.59														
					JUNNA460MP132	19.38														
					iii	Mono c-Si PERC Module	JUNNA435MP120 (435 Wp)			JUNNA455MP120	21.00	120 (Half Cut Cell)	1500V		27.09.2024	26.09.2028				
										JUNNA450MP120	20.77									
										JUNNA445MP120	20.54									
								JUNNA440MP120	20.31											
JUNNA435MP120	20.08																			
JUNNA430MP120	19.85																			
JUNNA425MP120	19.62																			
JUNNA420MP120	19.39																			
JUNNA415MP120	19.16																			
iv	Mono c-Si PERC Module	JUNNA395MP108 (395 Wp)	JUNNA410MP108	20.97				108 (Half Cut Cell)	1500V	27.09.2024	26.09.2028									
			JUNNA405MP108	20.71																
			JUNNA400MP108	20.45																
			JUNNA395MP108	20.20																
			JUNNA390MP108	19.94																
			JUNNA385MP108	19.69																
			JUNNA380MP108	19.43																
			v	Mono c-Si PERC Module	JUNNA350MP96 (350 Wp)	JUNNA365MP96	20.91					96 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
						JUNNA360MP96	20.62													
						JUNNA355MP96	20.33													
						JUNNA350MP96	20.05													
						JUNNA345MP96	19.76													
JUNNA340MP96	19.47																			
JUNNA335MP96	19.19																			
vi	Mono c-Si PERC Module	JUNNA265MP72 (265 Wp)				JUNNA275MP72	20.75	72 (Half Cut Cell)	1500V	27.09.2024	26.09.2028									
						JUNNA270MP72	20.37													
						JUNNA265MP72	19.99													
						JUNNA260MP72	19.61													
						JUNNA255MP72	19.24													
			93	M/s SAEI Solar P6 Pvt. Ltd.	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India	R-84004898	2065					i	Bifacial N-Type TOPCon Module (Glass to Glass)	SL156GTG-630 T (630 Wp)	SL156GTG-630 T	22.58	156 (Half Cut Cells)	1500	14.10.2024	13.10.2028
															SL156GTG-625 T	22.4				
															SL156GTG-620 T	22.23				
															SL156GTG-615 T	22.05				
															SL156GTG-610 T	21.87				
															SL156GTG-605 T	21.69				
												ii	Bifacial N-Type TOPCon Module (Glass to Glass)	SL144GTG-580T (580 Wp)	SL156GTG-600 T	21.51	144(Half Cut Cells)	1500	14.10.2024	13.10.2028
SL144GTG-580T	22.53																			
SL144GTG-575T	22.34																			
SL144GTG-570T	22.14																			
SL144GTG-565T	21.95																			
SL144HC-545	21.09																			
iii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL144HC-540	20.89	144(Half Cut Cells)	1500	14.10.2024	13.10.2028												
			SL144HC-535	20.7																
			SL144HC-530	20.51																
			SL144HC-525	20.31																
			SL144HC-520	20.12																
			94	M/s. FS Green Energies Private Limited					Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India	R-72011258	572	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.156G-620 (620 Wp)	FST-M10.156G-630	22.54	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
FST-M10.156G-625	22.36																			
FST-M10.156G-620	22.18																			
FST-M10.156G-615	22.00																			
FST-M10.156G-610	21.82																			
FST-M10.144G-580	22.45																			
	Bifacial N-Type TOPCon	FST-M10.144G-570			FST-M10.144G-575	22.26														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Modules (Glass to Glass)	FST-M10.144G-570 (570 Wp)	FST-M10.144G-570 FST-M10.144G-565 FST-M10.144G-560	22.07 21.87 21.68	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					iii	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.132G-525 (525 Wp)	FST-M10.132G-530 FST-M10.132G-525 FST-M10.132G-520	22.33 22.12 21.91	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					iv	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.120G-475 (475 Wp)	FST-M10.120G-480 FST-M10.120G-475 FST-M10.120G-470	22.18 21.95 21.72	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					v	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.108G-430 (430 Wp)	FST-M10.108G-435 FST-M10.108G-430 FST-M10.108G-425 FST-M10.108G-420	22.26 22.01 21.75 21.50	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.156B-585 (585 Wp)	FSP-M10.156B-600 FSP-M10.156B-595 FSP-M10.156B-590 FSP-M10.156B-585 FSP-M10.156B-580 FSP-M10.156B-575 FSP-M10.156B-570 FSP-M10.156B-565 FSP-M10.156B-560	21.46 21.29 21.11 20.93 20.75 20.57 20.39 20.21 20.03	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.144B-535 (535 Wp)	FSP-M10.144B-550 FSP-M10.144B-545 FSP-M10.144B-540 FSP-M10.144B-535 FSP-M10.144B-530 FSP-M10.144B-525 FSP-M10.144B-520	21.29 21.10 20.90 20.71 20.52 20.32 20.13	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.132B-495 (495 Wp)	FSP-M10.132B-505 FSP-M10.132B-500 FSP-M10.132B-495 FSP-M10.132B-490 FSP-M10.132B-485 FSP-M10.132B-480	21.28 21.07 20.86 20.64 20.43 20.22	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.120B-445 (445 Wp)	FSP-M10.120B-460 FSP-M10.120B-455 FSP-M10.120B-450 FSP-M10.120B-445 FSP-M10.120B-440 FSP-M10.120B-435 FSP-M10.120B-430	21.26 21.03 20.80 20.57 20.34 20.10 19.87	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.108B-405 (405 Wp)	FSP-M10.108B-415 FSP-M10.108B-410 FSP-M10.108B-405 FSP-M10.108B-400 FSP-M10.108B-395 FSP-M10.108B-390	21.24 20.98 20.73 20.47 20.22 19.96	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xi	Mono c-Si PERC Module	FSP-M10.156W-580 (580 Wp)	FSP-M10.156W-600 FSP-M10.156W-595 FSP-M10.156W-590 FSP-M10.156W-585 FSP-M10.156W-580 FSP-M10.156W-575 FSP-M10.156W-570 FSP-M10.156W-565 FSP-M10.156W-560	21.46 21.29 21.11 20.93 20.75 20.57 20.39 20.21 20.03	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xii	Mono c-Si PERC Module	FSP-M10.144W-535 (535 Wp)	FSP-M10.144W-550 FSP-M10.144W-545 FSP-M10.144W-540 FSP-M10.144W-535 FSP-M10.144W-530 FSP-M10.144W-525 FSP-M10.144W-520	21.29 21.10 20.90 20.71 20.52 20.32 20.13	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xiii	Mono c-Si PERC Module	FSP-M10.132W-490 (490Wp)	FSP-M10.132W-505 FSP-M10.132W-500 FSP-M10.132W-495 FSP-M10.132W-490 FSP-M10.132W-485	21.28 21.07 20.86 20.64 20.43	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								FSP-M10.132W-480	20.22				
								FSP-M10.120W-460	21.26				
								FSP-M10.120W-455	21.03				
								FSP-M10.120W-450	20.80				
					xiv	Mono c-Si PERC Module	FSP-M10.120W-450 (450 Wp)	FSP-M10.120W-445	20.57	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.120W-440	20.34				
								FSP-M10.120W-435	20.10				
								FSP-M10.120W-430	19.87				
								FSP-M10.108W-415	21.24				
								FSP-M10.108W-410	20.98				
					xv	Mono c-Si PERC Module	FSP-M10.108W-400 (400 Wp)	FSP-M10.108W-405	20.73	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.108W-400	20.47				
								FSP-M10.108W-395	20.22				
								FSP-M10.108W-390	19.96				
								FSP-M10.144G-560	21.68				
								FSP-M10.144G-555	21.48				
								FSP-M10.144G-550	21.29				
								FSP-M10.144G-545	21.10				
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.144G-540 (540 Wp)	FSP-M10.144G-540	20.90	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.144G-535	20.71				
								FSP-M10.144G-530	20.52				
								FSP-M10.144G-525	20.32				
								FSP-M10.144G-520	20.13				
								FSP-M10.132G-505	21.28				
								FSP-M10.132G-500	21.07				
					xvii	Bifacial Mono c-Si PERC Module (Glass to Glass)	FSP-M10.132G-490 (490 Wp)	FSP-M10.132G-495	20.86	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.132G-490	20.64				
								FSP-M10.132G-485	20.43				
								FSP-M10.132G-480	20.22				
								FSP-M10.120G-460	21.26				
								FSP-M10.120G-455	21.03				
								FSP-M10.120G-450	20.80				
								FSP-M10.120G-445	20.57				
								FSP-M10.120G-440	20.34				
								FSP-M10.120G-435	20.10				
								FSP-M10.120G-430	19.87				
								FSP-M10.108G-415	21.24				
								FSP-M10.108G-410	20.98				
								FSP-M10.108G-405	20.73				
								FSP-M10.108G-400	20.47				
								FSP-M10.108G-395	20.22				
								FSP-M10.108G-390	19.96				
								HEXN156N630	22.55				
								HEXN156N625	22.37				
								HEXN156N620	22.19				
								HEXN156N615	22.01				
					i	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN156N615 (615 Wp)	HEXN156N610	21.83	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN156N605	21.65				
								HEXN156N600	21.47				
								HEXN144N600	23.23				
								HEXN144N595	23.03				
								HEXN144N590	22.84				
								HEXN144N585	22.65				
					ii	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN144N585 (585 Wp)	HEXN144N580	22.45	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN144N575	22.26				
								HEXN144N570	22.07				
								HEXN132N550	23.16				
								HEXN132N545	22.95				
								HEXN132N540	22.74				
								HEXN132N535	22.53				
					iii	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN132N535 (535 Wp)	HEXN132N530	22.32	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN132N525	22.11				
								HEXN132N520	21.90				
								HEXN120N500	23.13				
								HEXN120N495	22.90				
								HEXN120N490	22.67				
								HEXN120N485	22.44				
					iv	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN120N485 (485 Wp)	HEXN120N480	22.21	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN120N475	21.98				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								HEXN120N470	21.75				
								HEXN108N450	23.04				
					v	N Type TOPCon Module (Glass to Transparent Backsheet)	HEXN108N435 (435 Wp)	HEXN108N445	22.79	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN108N440	22.53				
								HEXN108N435	22.28				
								HEXN108N430	22.02				
								HEXN108N425	21.76				
								HEXN108N420	21.51				
					vi	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN156P585 (585 Wp)	HEXN156P595	21.29	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN156P590	21.12				
								HEXN156P585	20.94				
								HEXN156P580	20.76				
								HEXN156P575	20.58				
								HEXN156P570	20.40				
								HEXN144P560	21.68				
					vii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN144P545 (545 Wp)	HEXN144P555	21.48	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN144P550	21.29				
								HEXN144P545	21.10				
								HEXN144P540	20.90				
								HEXN144P535	20.71				
								HEXN144P530	20.52				
								HEXN132P520	21.90				
					viii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN132P505 (505 Wp)	HEXN132P515	21.69	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN132P510	21.48				
								HEXN132P505	21.27				
								HEXN132P500	21.06				
								HEXN132P495	20.85				
								HEXN132P490	20.64				
								HEXN120P460	21.28				
					ix	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN120P445 (445 Wp)	HEXN120P455	21.05	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN120P450	20.82				
								HEXN120P445	20.59				
								HEXN120P440	20.36				
								HEXN120P435	20.13				
								HEXN120P430	19.89				
								HEXN108P425	21.76				
					x	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN108P410 (410 Wp)	HEXN108P420	21.51	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								HEXN108P415	21.25				
								HEXN108P410	21.00				
								HEXN108P405	20.74				
								HEXN108P400	20.48				
								HEXN108P395	20.23				
96	M/s. Indosolar Limited	3c/1, Ecotech-II, Udyog Vihar, Greater Noida -210306 Uttar Pradesh	R-93032344	1525	i	Bifacial Mono c- Si PERC Modules (Glass to Glass)	Bi-55-535 (535 Wp)	Bi-55-520	20.20	144(Half Cut Cells) (Cell Size 182*182)	1500		
								Bi-55-525	20.39				
								Bi-55-530	20.59				
								Bi-55-535	20.78				
								Bi-55-540	20.98				
								Bi-55-545	21.17				
								Bi-55-550	21.37				
					ii	Bifacial N-type TOPCon Modules (Glass to Glass)	BiN-08-575 (575 Wp)	BiN-08-560	21.68	144 (Half Cut Cells) (Cell Size 182*182)	1500	06.01.2025	05.01.2029
								BiN-08-565	21.87				
								BiN-08-570	22.06				
								BiN-08-575	22.26				
								BiN-08-580	22.45				
								BiN-08-585	22.64				
								BiN-08-590	22.84				
								BiN-08-595	23.03				
								BiN-08-600	23.22				
					iii	Bifacial N-type TOPCon Modules (Glass to Glass)	BiN-03-695 (695 Wp)	BiN-03-680	21.89	132 (Half Cut Cells) (Cell Size 186*186)	1500		
								BiN-03-685	22.05				
								BiN-03-690	22.21				
								BiN-03-695	22.37				
								BiN-03-700	22.53				
								BiN-03-705	22.70				
								BiN-03-710	22.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
97	M/s.Visaka Industries Limited (ATUM Division)	Survey No. 95&96, Adjacent to Kukkadam Railway Station, Kukkadam Post, Gajalapur, Madugulapally, Nalgonda-508207, Telangana	R-63000795	16	i	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550M (550Wp)	VIL-550M	21.29	144 (Half Cut Cells)	1500	06.01.2025	05.01.2029
					ii	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550AM (550Wp)	VIL-550AM	20.31				
98	M/s. BVG India Limited	Plot No. 6, Sector Ecotech 8, Gautam Budha Nagar, Greater Noida - 201310, Uttar Pradesh, India	R-93032417	367	i	Mono c-Si PERC Module	BVG M10144-540 (540 Wp)	BVGM10144-550	21.29	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								BVGM10144-545	21.10				
								BVGM10144-540	20.90				
								BVGM10144-535	20.71				
								BVGM10144-530	20.52				
								BVGM10144-525	20.32				
99	M/s KLK Ventures Pvt. Ltd.	A52, Sector 58, Gautam Budha Nagar, Noida, Uttar Pradesh, India- 201301	R-93024279	33	i	Mono c-Si PERC Module	KLK525W (525 Wp)	KLK500W	19.35	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								KLK505W	19.54				
								KLK510W	19.73				
								KLK515W	19.93				
								KLK520W	20.12				
								KLK525W	20.31				
								KLK530W	20.51				
								KLK535W	20.70				
								KLK540W	20.89				
					KLK545W	21.09							
					KLK550W	21.28							
					KLK555W	19.85	156(Half Cut Cells)	1500	23.01.2025	22.01.2029			
					KLK560W	20.03							
					KLK565W	20.21							
					KLK570W	20.39							
					KLK575W	20.57							
					KLK580W	20.75							
					KLK585W	20.93							
KLK590W	21.11												
KLK595W	21.29												
100	M/s SAN Energy and Solution	Plot No. 356, San Energy Solution, Near Girdharia Mod, Sheosagar, NH2, Sasaram, Rohtas- 821111, Bihar, India	R-53000221	27	i	Mono c-Si PERC Modules	SG545WP (545 Wp)	SG535WP	20.69	144 (Half Cut Cells)	1500	23.01.2025	22.01.2029
								SG540WP	20.88				
								SG545WP	21.08				
								SG545WP	21.08				

F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 27th September, 2024

To,

M/s. Sunbond Energy Private Limited
S. No. 181/P2 Opp. 66 kV substation,
Mitana-Padadhari Road, Mitana,
Rajkot-363650, Gujarat, India.

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Sunbond Energy Private Limited– reg.

Sir / Madam,

This is in reference to the application received from M/s. Sunbond Energy Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Sunbond Energy Private Limited, S. No. 181/P2, Opp. 66 kV substation, Mitana-Padadhari Road, Mitana, Rajkot-363650, Gujarat, India, in respect of 13 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Sunbond Energy Pvt. Ltd.
Plant Address	S. No. 181/P2, Opp. 60 kV substation, Mitana-Padadhari Road, Mitana, Rajkot-363650, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	60 MW/Year
Applied Capacity	290 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
1	Mono c-Si PERC Modules	SEPLM10-490 (490 Wp)	SEPLM10-495	19.16	R-720057 62	144 (Half Cut Cell)	1500	Provisionally Enlisted
2	Mono c-Si PERC Modules	SEPLM10-460 (460 Wp)	SEPLM10-480	20.10		132 (Half Cut Cell)	1500	
			SEPLM10-475	19.89				
			SEPLM10-470	19.68				
			SEPLM10-465	19.47				
			SEPLM10-460	19.26				
3	Mono c-Si PERC Modules	SEPLM10-425 (425 Wp)	SEPLM10-455	19.05		120 (Half Cut Cell)	1500	
			SEPLM10-440	20.20				
			SEPLM10-435	19.97				
			SEPLM10-430	19.74				
			SEPLM10-425	19.51				
4	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SEPLM10B156-580 (580 Wp)	SEPLM10-420	19.28		156 (Half Cut Cell)	1500	
			SEPLM10-415	19.05				
			SEPLM10B156-600	21.47				
			SEPLM10B156-595	21.29				
			SEPLM10B156-590	21.11				
			SEPLM10B156-585	20.94				
			SEPLM10B156-580	20.76				
5	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SEPLM10B144-540 (540 Wp)	SEPLM10B156-575	20.58		144 (Half Cut Cell)	1500	
			SEPLM10B156-570	20.40				
			SEPLM10B156-565	20.22				
			SEPLM10B144-560	21.68				
			SEPLM10B144-555	21.48				
			SEPLM10B144-550	21.29				
6	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SEPLM10B132-500 (500 Wp)	SEPLM10B144-545	21.10		132 (Half Cut Cell)	1500	
			SEPLM10B144-540	20.90				
			SEPLM10B144-535	20.71				
			SEPLM10B144-530	20.52				
			SEPLM10B132-515	21.69				
7	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SEPLM10B120-460 (460 Wp)	SEPLM10B132-510	21.48	120 (Half Cut Cell)	1500		
			SEPLM10B132-505	21.27				
			SEPLM10B132-500	21.06				
			SEPLM10B132-495	20.84				
			SEPLM10B132-490	20.63				
			SEPLM10B120-480	22.21				
			SEPLM10B120-475	21.98				
			SEPLM10B120-470	21.74				
			SEPLM10B120-465	21.51				
			SEPLM10B120-460	21.28				
			SEPLM10B120-455	21.05				
			SEPLM10B120-450	20.82				

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
8	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SEPLM10B108-420 (420 Wp)	SEPLM10B108-440	22.53		108 (Half Cut Cell)	1500	
			SEPLM10B108-435	22.27				
			SEPLM10B108-430	22.02				
			SEPLM10B108-425	21.76				
			SEPLM10B108-420	21.51				
			SEPLM10B108-415	21.25				
			SEPLM10B108-410	20.99				
9	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B156-620 (620 Wp)	SEPLT16B156-640	22.90		156 (Half Cut Cell)	1500	
			SEPLT16B156-635	22.72				
			SEPLT16B156-630	22.55				
			SEPLT16B156-625	22.37				
			SEPLT16B156-620	22.19				
			SEPLT16B156-615	22.01				
			SEPLT16B156-610	21.83				
			SEPLT16B156-605	21.65				
10	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B144-580 (580 Wp)	SEPLT16B144-595	23.03		144 (Half Cut Cell)	1500	
			SEPLT16B144-590	22.84				
			SEPLT16B144-585	22.64				
			SEPLT16B144-580	22.45				
			SEPLT16B144-575	22.26				
11	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B132-540 (540 Wp)	SEPLT16B144-570	22.06		132 (Half Cut Cell)	1500	
			SEPLT16B132-560	23.58				
			SEPLT16B132-555	23.37				
			SEPLT16B132-550	23.16				
			SEPLT16B132-545	22.95				
			SEPLT16B132-540	22.74				
			SEPLT16B132-535	22.53				
12	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B120-500 (500 Wp)	SEPLT16B132-530	22.32		120 (Half Cut Cell)	1500	
			SEPLT16B120-520	24.06				
			SEPLT16B120-515	23.83				
			SEPLT16B120-510	23.59				
			SEPLT16B120-505	23.36				
			SEPLT16B120-500	23.13				
			SEPLT16B120-495	22.90				
			SEPLT16B120-490	22.67				
			SEPLT16B120-485	22.44				
13	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B108-430 (430 Wp)	SEPLT16B120-480	22.21		108 (Half Cut Cell)	1500	
			SEPLT16B120-475	21.98				
			SEPLT16B108-450	23.04				
			SEPLT16B108-445	22.79				
			SEPLT16B108-440	22.53				
			SEPLT16B108-435	22.27				
			SEPLT16B108-430	22.02				
SEPLT16B108-425	21.76							
	SEPLT16B108-420	21.51						
	SEPLT16B108-415	21.25						

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F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 14th October, 2024

To

M/s. Unique Sun Power LLP,
BL No. 2281/2/1/1, Sub Plot 1-A,
Tadkeshwar, Near Areth Minnor Canal,
Mandvi, Surat, Gujarat-394170, India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Unique Sun Power LLP - reg.

Sir / Madam,

This is in reference to the application received from M/s. Unique Sun Power LLP requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Unique Sun Power LLP, BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat, Gujarat-394170, India, in respect of 5 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website

Appendix-I

Name of Manufacturer	M/s. Unique Sun Power LLP
Plant Address	BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat, Gujarat-394170, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	43 MW/Year
Applied Capacity	200 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)	Remarks
1	N-TYPE TOPCon Module	SUN156P615 (615 Wp)	SUN156P630	22.53	R-72005550	156 (Half Cut Cells)	1500	Provisionally enlisted
			SUN156P625	22.35				
			SUN156P620	22.17				
			SUN156P615	21.99				
			SUN156P610	21.81				
			SUN156P605	21.63				
			SUN156P600	21.45				
2	N-TYPE TOPCon Module	SUN144T565 (565 Wp)	SUN144T590	22.83				
			SUN144T585	22.63				
			SUN144T580	22.44				
			SUN144T575	22.25				
			SUN144T570	22.05				
			SUN144T565	21.86				
			SUN144T560	21.67				
			SUN144T555	21.47				
			SUN144T550	21.28				
			SUN144T545	21.09				
SUN144T540	20.89							
3	N-TYPE TOPCon Module	SUN132T520 (520 Wp)	SUN132T535	22.53				
			SUN132T530	22.32				
			SUN132T525	22.11				
			SUN132T520	21.90				
			SUN132T515	21.69				
			SUN132T510	21.48				
			SUN132T500	21.06				
4	N-TYPE TOPCon Module	SUN120T480 (480 Wp)	SUN120T490	22.67				
			SUN120T485	22.44				
			SUN120T480	22.21				
			SUN120T470	21.74				
			SUN120T460	21.28				
5	N-TYPE TOPCon Module	SUN108T420 (420 Wp)	SUN108T440	22.52				
			SUN108T435	22.26				
			SUN108T430	22.01				
			SUN108T420	21.49				
			SUN108T410	20.98				
			SUN108T400	20.47				

F. No. 283/41/2024- GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 14th October, 2024

To

M/s. Ganesh Green Bharat Limited
Survey No. 319/320/321,
Tundali, Tundali approach road,
Behind Honest Restaurant,
Near Nadasan Flyover,
Mehsana - 382732, Gujarat, India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Ganesh Green Bharat Limited - reg.

Sir / Madam,

This is in reference to the application received from **M/s. Ganesh Green Bharat Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to **M/s. Ganesh Green Bharat Limited, Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehshana - 382732, Gujarat, India**, in respect of 13 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website

Appendix-I

Name of Manufacturer	M/s. Ganesh Green Bharat Limited
Plant Address	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	131 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)	Remarks
1	Bifacial N-TYPE TOPCon Module (Glass to Glass)	SGTP 156BG-615 (615 Wp)	SGTP156BG-630	22.53	R-72005886	156 (Half Cut Cells)	1500	Provisionally enlisted
			SGTP156BG-625	22.35				
			SGTP156BG-620	22.17				
			SGTP156BG-615	21.99				
			SGTP156BG-610	21.81				
			SGTP156BG-605	21.63				
			SGTP156BG-600	21.46				
			SGTP156BG-595	21.28				
2	Bifacial N-TYPE TOPCon Module (Glass to Glass)	SGTP 144BG-575 (575 Wp)	SGTP144BG-600	23.23				
			SGTP144BG-595	23.03				
			SGTP144BG-590	22.84				
			SGTP144BG-585	22.65				
			SGTP144BG-580	22.45				
			SGTP144BG-575	22.26				
			SGTP144BG-570	22.07				
			SGTP144BG-565	21.87				
3	Bifacial N-TYPE TOPCon Module (Glass to Glass)	SGTP 132BG-530 (530 Wp)	SGTP144BG-560	21.68				
			SGTP144BG-555	21.48				
			SGTP132BG-555	23.37				
			SGTP132BG-550	23.16				
			SGTP132BG-545	22.95				
			SGTP132BG-540	22.74				
			SGTP132BG-535	22.53				
			SGTP132BG-530	22.32				
4	Bifacial N-TYPE TOPCon Module (Glass to Glass)	SGTP 120BG-480 (480 Wp)	SGTP132BG-525	22.11				
			SGTP132BG-520	21.90				
			SGTP132BG-515	21.69				
			SGTP132BG-510	21.48				
			SGTP120BG-500	23.08				
			SGTP120BG-495	22.85				
			SGTP120BG-490	22.62				
			SGTP120BG-485	22.39				
5	Bifacial N-TYPE TOPCon Module (Glass to Glass)	SGTP 108BG-430 (430 Wp)	SGTP120BG-480	22.16				
			SGTP120BG-475	21.93				
			SGTP120BG-470	21.70				
			SGTP120BG-465	21.47				
			SGTP120BG-460	21.24				
			SGTP108BG-450	22.99				
			SGTP108BG-445	22.74				
			SGTP108BG-440	22.48				
			SGTP108BG-435	22.22				
			SGTP108BG-430	21.97				
			SGTP108BG-425	21.71				
			SGTP108BG-420	21.46				
			SGTP108BG-415	21.20				
			SGTP108BG-410	20.95				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)	Remarks
6	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 156BG-570 (570 Wp)	SGMJ156BG-595	21.28		156 (Half Cut Cells)	1500	
			SGMJ156BG-590	21.10				
			SGMJ156BG-585	20.92				
			SGMJ156BG-580	20.74				
			SGMJ156BG-575	20.56				
			SGMJ156BG-570	20.38				
			SGMJ156BG-565	20.20				
			SGMJ156BG-560	20.03				
			SGMJ156BG-555	19.85				
			SGMJ156BG-550	19.67				
			SGMJ156BG-545	19.49				
7	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 156BG-540 (540 Wp)	SGMJ156BG-540	19.31		156 (Half Cut Cells)	1500	
8	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 144BG-525 (525 Wp)	SGMJ144BG-550	21.29		144 (Half Cut Cells)	1500	
			SGMJ144BG-545	21.10				
			SGMJ144BG-540	20.90				
			SGMJ144BG-535	20.71				
			SGMJ144BG-530	20.52				
			SGMJ144BG-525	20.32				
			SGMJ144BG-520	20.13				
			SGMJ144BG-515	19.94				
			SGMJ144BG-510	19.74				
			SGMJ144BG-505	19.55				
			SGMJ144BG-500	19.36				
9	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 144BG-495 (495 Wp)	SGMJ144BG-495	19.16		144 (Half Cut Cells)	1500	
10	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 132BG-480 (480 Wp)	SGMJ132BG-500	21.06		132 (Half Cut Cells)	1500	
			SGMJ132BG-495	20.85				
			SGMJ132BG-490	20.64				
			SGMJ132BG-485	20.42				
			SGMJ132BG-480	20.21				
			SGMJ132BG-475	20.00				
			SGMJ132BG-470	19.79				
			SGMJ132BG-465	19.58				
			SGMJ132BG-460	19.37				
11	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 132BG-455 (455 Wp)	SGMJ132BG-455	19.16		132 (Half Cut Cells)	1500	
12	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 120BG-435 (435 Wp)	SGMJ120BG-455	21.01		120 (Half Cut Cells)	1500	
			SGMJ120BG-450	20.78				
			SGMJ120BG-445	20.55				
			SGMJ120BG-440	20.31				
			SGMJ120BG-435	20.08				
			SGMJ120BG-430	19.85				
			SGMJ120BG-425	19.62				
			SGMJ120BG-420	19.39				
			SGMJ120BG-415	19.16				
13	Bifacial Mono c-Si Perc Module (Glass to Glass)	SGMJ 108BG-385 (385 Wp)	SGMJ108BG-395	20.18		108 (Half Cut Cells)	1500	
			SGMJ108BG-390	19.93				
			SGMJ108BG-385	19.67				
			SGMJ108BG-380	19.41				
			SGMJ108BG-375	19.16				

F. No. 283/41/2024- GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 28th October, 2024

To

M/s. Redren Energy Pvt. Ltd.
Survey No. 154/1, 154/2, Opposite Rangpar,
Bus Stand, National Highway No. 27,
Jalida, Wankaner, Morbi - 363621, Gujarat, India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Redren Energy Pvt. Ltd. - reg.

Sir / Madam,

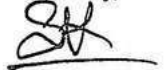
This is in reference to the application received from **M/s. Redren Energy Pvt. Ltd.** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to **M/s. Redren Energy Pvt. Ltd., Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi - 363621, Gujarat, India**, in respect of 7 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website

Appendix-I

Name of Manufacturer	M/s. Redren Energy Pvt. Ltd
Plant Address	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi - 363621, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	77 MW/Year
Applied Capacity	400 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-108HCBF400 (400 Wp)	RSM10MP-108HCBF380	19.44	R-72001775	108 (Half Cut Cells)	1500
			RSM10MP-108HCBF385	19.69			
			RSM10MP-108HCBF390	19.95			
			RSM10MP-108HCBF395	20.20			
			RSM10MP-108HCBF400	20.46			
			RSM10MP-108HCBF405	20.72			
			RSM10MP-108HCBF410	20.97			
			RSM10MP-108HCBF415	21.23			
			RSM10MP-108HCBF420	21.48			
			2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)			
RSM10MP-120HCBF420	19.40						
RSM10MP-120HCBF425	19.63						
RSM10MP-120HCBF430	19.86						
RSM10MP-120HCBF435	20.09						
3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-120HCBF450 (450 Wp)	RSM10MP-120HCBF440	20.33		120 (Half Cut Cells)	1500
			RSM10MP-120HCBF445	20.56			
			RSM10MP-120HCBF450	20.79			
			RSM10MP-120HCBF455	21.02			
			RSM10MP-120HCBF460	21.25			

SK

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF465 (465 Wp)	RSM10MP-132HCBF455	19.16		132 (Half Cut Cells)	1500
			RSM10MP-132HCBF460	19.37			
			RSM10MP-132HCBF465	19.58			
			RSM10MP-132HCBF470	19.79			
			RSM10MP-132HCBF475	20.00			
			RSM10MP-132HCBF480	20.21			
5	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-132HCBF495 (495 Wp)	RSM10MP-132HCBF485	20.42			
			RSM10MP-132HCBF490	20.64			
			RSM10MP-132HCBF495	20.85			
			RSM10MP-132HCBF500	21.06			
			RSM10MP-132HCBF505	21.27			
			RSM10MP-144HCBF495	19.16			
6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF510 (510 Wp)	RSM10MP-144HCBF500	19.36		144 (Half Cut Cells)	1500
			RSM10MP-144HCBF505	19.55			
			RSM10MP-144HCBF510	19.74			
			RSM10MP-144HCBF515	19.94			
			RSM10MP-144HCBF520	20.13			
			RSM10MP-144HCBF525	20.32			
7	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RSM10MP-144HCBF540 (540 Wp)	RSM10MP-144HCBF530	20.52		144 (Half Cut Cells)	1500
			RSM10MP-144HCBF535	20.71			
			RSM10MP-144HCBF540	20.90			
			RSM10MP-144HCBF545	21.10			
			RSM10MP-144HCBF550	21.29			
			RSM10MP-144HCBF555	21.48			

F. No. 283/41/2024-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 11th November, 2024

To,

M/s. SAEL Solar P6 Private Limited,
Land Kh. No. 354/2, New Kh. No. 844/354,
Village Patan, Tehsil Kishangarh, Ajmer
Rajasthan - 305801

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. SAEL Solar P6 Private Limited – reg.

Sir / Madam,

This is in reference to the application received from M/s. SAEL Solar P6 Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s SAEL Solar P6 Private Limited, Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer Rajasthan - 305801, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.
3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.
4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary/ PSO to JS (AY)

Appendix-I

Name of Manufacturer	M/s. SAEL Solar P6 Pvt. Ltd.
Plant Address	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	2,065 MW/Year
Applied Capacity	2,065 MW/Year
Application Type	Model Addition

Details of Additional Model:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Glass)	SL156GTG-635 T (635 Wp)	SL156GTG-640 T	22.94	R-84004898	156 (Half Cut Cells)	1500
			SL156GTG-635 T	22.76			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 02nd December, 2024

To,

M/s. SAEL Solar Mfg. Private Limited
Village Hukumat Singh Wala, Moga Road,
Ferozepur, Punjab-142052, India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. SAEL Solar Mfg. Private Limited – reg.

Sir / Madam,

This is in reference to the application received from **M/s. SAEL Solar Mfg. Private** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. SAEL Solar Mfg. Private Limited, Village Hukumat Singh Wala, Moga Road, Ferozepur, Punjab-142052, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary/ PSO to JS (AY)

Appendix-I

Name of Manufacturer	M/s. SAEL Solar Mfg. Private Limited
Plant Address	Village Hukumat Singh Wala, Moga Road, Ferozepur, Punjab-142052, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	117 MW/Year
Applied Capacity	300 MW/Year
Application Type	Model Addition

Details of Additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
1.	N-Type TOPCon Module	SL144GTG-580 T (580 Wp)	SL144GTG-590 T	22.87	R-97001058	144 (Half Cut Cells)	1500
			SL144GTG-585 T	22.68			
			SL144GTG-580 T	22.48			
			SL144GTG-575 T	22.29			
			SL144GTG-570 T	22.09			
			SL144GTG-565 T	21.90			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 02nd December, 2024

To,

M/s. Emmvee Photovoltaic Power Pvt. Ltd.

Sy. No. 66-70/3, Pemmanahalli Village,
Sompura Hobli, Dabaspeta, Nelamangala Taluk,
Bengaluru Rural District, Karnataka

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Emmvee Photovoltaic Power Pvt. Ltd.– reg.

Sir / Madam,

This is in reference to the application received from **M/s. Emmvee Photovoltaic Power Pvt. Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Emmvee Photovoltaic Power Pvt. Ltd. Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspeta, Nelamangala Taluk, Bengaluru Rural District, Karnataka, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary/ PSO to JS (AY)

Appendix-I

Name of Manufacturer	M/s. Emmvee Photovoltaic Power Pvt. Ltd.
Plant Address	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru Rural District, Karnataka
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	676 MW/Year
Application Type	Model Addition

Details of Additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Glass)	E590HCBG144- T	E585HCBG144- T	22.65	R-62002976	144 (Half Cut Cells)	1500
			E590HCBG144- T	22.84			
			E595HCBG144- T	23.03			



F. No. 283/41/2024- GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 02nd December, 2024

To,

M/s. HR Solar Solution Private Limited
Raghudebpur, NH-6, Panchla, Raghudebpur,
Block - Uluberia-II, Uluberia,
Howrah, West Bengal - 711322, India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. HR Solar Solution Private Limited – reg.

Sir / Madam,

This is in reference to the application received from **M/s. HR Solar Solution Private Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. HR Solar Solution Private Limited, Raghudebpur, NH-6, Panchla, Raghudebpur, Block - Uluberia-II, Uluberia, Howrah, West Bengal - 711322, India, in respect of 10 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary/ PSO to JS (AY)

Appendix-I

Name of Manufacturer	M/s. HR Solar Solution Private Limited
Plant Address	Raghudebpur, NH-6, Panchla, Raghudebpur, Block - Uluberia-II, Uluberia, Howrah, West Bengal - 711322, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	136 MW/Year
Applied Capacity	136 MW/Year
Application Type	Model Addition

Details of Additional Models:

S.No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of cells in Module	System Voltage (V)																																																											
1	Mono c-Si PERC Module	H195M36 (195 Wp)	H195M36	19.19	R-51001686	36 (Full Cells)	1500																																																											
			H200M36	19.69				2	Mono c-Si PERC Module	H350M96 (350 Wp)	H335M96	19.16	96 (Full Cells)	1500	H340M96	19.44	H345M96	19.73	H350M96	20.02	H355M96	20.30	H360M96	20.59	3	Mono c-Si PERC Module	H390M108 (390 Wp)	H375M108	19.16	108 (Half Cut Cells)	1500	H380M108	19.41	H385M108	19.67	H390M108	19.93	H395M108	20.18	H400M108	20.44	H405M108	20.69	4	Mono c-Si PERC Module	H430M120 (430 Wp)	H415M120	19.16	120 (Half Cut Cells)	1500	H420M120	19.39	H425M120	19.62	H430M120	19.85	H435M120	20.08	H440M120	20.31	H445M120	20.55	H450M120	20.78	5	
2	Mono c-Si PERC Module	H350M96 (350 Wp)	H335M96	19.16		96 (Full Cells)	1500																																																											
			H340M96	19.44																																																														
			H345M96	19.73																																																														
			H350M96	20.02																																																														
			H355M96	20.30																																																														
			H360M96	20.59																																																														
3	Mono c-Si PERC Module	H390M108 (390 Wp)	H375M108	19.16		108 (Half Cut Cells)	1500																																																											
			H380M108	19.41																																																														
			H385M108	19.67																																																														
			H390M108	19.93																																																														
			H395M108	20.18																																																														
			H400M108	20.44																																																														
			H405M108	20.69																																																														
4	Mono c-Si PERC Module	H430M120 (430 Wp)	H415M120	19.16	120 (Half Cut Cells)	1500																																																												
			H420M120	19.39																																																														
			H425M120	19.62																																																														
			H430M120	19.85																																																														
			H435M120	20.08																																																														
			H440M120	20.31																																																														
			H445M120	20.55																																																														
			H450M120	20.78																																																														
5			H460M132	19.37		1500																																																												



	Mono c-Si PERC Module	H480M132 (480 Wp)	H465M132	19.58	132 (Half Cut Cells)	
			H470M132	19.79		
			H475M132	20.00		
			H480M132	20.21		
			H485M132	20.42		
			H490M132	20.64		
			H495M132	20.85		
			H500M132	21.06		
6	Mono c-Si PERC Module	H455M132 (455 Wp)	H455M132	19.16	132 (Half Cut Cells)	1500
7	Mono c-Si PERC Module	H305M84 (305 Wp)	H295M84	19.16	84 (Half Cut Cells)	1500
			H300M84	19.48		
			H305M84	19.81		
			H310M84	20.13		
			H315M84	20.45		
			H320M84	20.78		
8	Mono c-Si PERC Module	H260M72 (260 Wp)	H255M72	19.15	72 (Full Cells)	1500
			H260M72	19.53		
			H265M72	19.91		
			H270M72	20.28		
9	Mono c-Si PERC Module	H230M64 (230 Wp)	H230M64	19.33	64 (Half Cut Cells)	1500
			H235M64	19.75		
			H240M64	20.17		
10	Mono c-Si PERC Module	H325M60 (325 Wp)	H325M60	19.23	60 (Full Cells)	1500
			H330M60	19.53		
			H335M60	19.82		
			H340M60	20.12		

F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,

Lodhi Road, New Delhi – 110003

Dated: 26th December, 2024

To,

M/s. ADM Solar Power & Infrastructure Pvt. Ltd.,
Plot No. 22/1, The Printer House Private Limited, Mathura Road,
Ballabgarh, Sikri Industrial Area, Faridabad, Haryana - 121004

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. ADM Solar Power & Infrastructure Pvt. Ltd.– reg.

Sir / Madam,

This is in reference to the application received from M/s. ADM Solar Power & Infrastructure Pvt. Ltd. requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. ADM Solar Power & Infrastructure Pvt. Ltd., Plot No. 22/1, The Printer House Private Limited, Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana - 121004, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE)

Copy for internal circulation to: PPS to Secretary (MNRE), PPS to JS(LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. ADM Solar Power & Infrastructure Pvt. Ltd.
Plant Address	Plot No. 22/1, The Printer House Private Limited, Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana - 121004
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	141 MW/Year
Applied Capacity	580 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage in Volt
1.	Bifacial Mono c-Si PERC Module	ADM545 (545Wp)	ADM540	20.93	Registration No. R-93011576	144 (Half Cut Cells)	1500
			ADM545	21.13			
			ADM550	21.32			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,

Lodhi Road, New Delhi – 110003

Dated: 26th December, 2024

To,

M/s. FS Green Energies Private Limited,
Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd.,
Juni Jithardi Road, Near Karjan Cross Road,
NH - 8, Vadodara-391240, Gujarat, India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. FS Green Energies Private Limited – reg.

Sir / Madam,

This is in reference to the application received from M/s. FS Green Energies Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. FS Green Energies Private Limited, Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary (MNRE), PPS to JS(LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. FS Green Energies Private Limited
Plant Address	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	572 MW/Year
Applied Capacity	572 MW/Year
Application Type	Model Addition

Details of additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS details	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.156G-660 (660 Wp)	FST-M10. 156G-680	24.33	Registration No.: R-72011258	156 (Half Cut Cell)	1500
			FST-M10. 156G-675	24.15			
			FST-M10.156G-670	23.97			
			FST-M10. 156G-665	23.79			
			FST-M10. 156G-660	23.61			
			FST-M10. 156G-655	23.43			
			FST-M10. 156G-650	23.25			
			FST-M10. 156G-645	23.07			
			FST-M10.156G-640	22.90			
			FST-M10. 156G-635	22.72			
2	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.144G-605 (605 Wp)	FST-M10. 144G-625	24.19		144 (Half Cut Cell)	1500
			FST-M10. 144G-620	24.00			
			FST-M10.144G-615	23.81			
			FST-M10. 144G-610	23.61			
			FST-M10. 144G-605	23.42			
			FST-M10. 144G-600	23.23			
			FST-M10. 144G-595	23.03			
			FST-M10. 144G-590	22.84			
3	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.132G-555 (555 Wp)	FST-M10. 132G-575	24.23		132 (Half Cut Cell)	1500
			FST-M10. 132G-570	24.02			
			FST-M10. 132G-565	23.80			
			FST-M10.132G-560	23.59			
			FST-M10. 132G-555	23.38			
			FST-M10. 132G-550	23.17			
			FST-M10. 132G-545	22.96			
			FST-M10.132G-540	22.75			
FST-M10. 132G-535	22.54						

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS details	No. of Cells in Module	System Voltage (V)
4	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.120G-505 (505 Wp)	FST-M10.120G-520	24.03		120 (Half Cut Cell)	1500
			FST-M10.120G-515	23.80			
			FST-M10.120G-510	23.57			
			FST-M10.120G-505	23.34			
			FST-M10.120G-500	23.11			
			FST-M10.120G-495	22.88			
			FST-M10.120G-490	22.65			
			FST-M10.120G-485	22.42			
5	Bifacial N-Type TOPCon Module (Glass to Glass)	FST-M10.108G-455 (455 Wp)	FST-M10.108G-470	24.05		108 (Half Cut Cell)	1500
			FST-M10.108G-465	23.80			
			FST-M10.108G-460	23.54			
			FST-M10.108G-455	23.29			
			FST-M10.108G-450	23.03			
			FST-M10.108G-445	22.78			
			FST-M10.108G-440	22.52			

F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 26th December, 2024

To,

M/s. Icon Solar En Power Technologies Private Limited,
PH. No. 09, Gram Dighari Mandir Hasaud,
The Arang, Raipur – 492001, Chhattisgarh.

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Icon Solar En Power Technologies Private Limited– reg.

Sir / Madam,


This is in reference to the application received from M/s. Icon Solar En Power Technologies Private Limited, requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Icon Solar En Power Technologies Private Limited, PH. No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur – 492001, Chhattisgarh., in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary (MNRE), PPS to JS(LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Icon Solar En Power Technologies Private Limited
Plant Address	PH. No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur – 492001, Chhattisgarh.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	395 MW/Year
Applied Capacity	600 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN580-Bi (580 Wp)	ISEN600-Bi	21.47	Registration No.: R-59000140	156 (Half Cut Cells)	1500
			ISEN595-Bi	21.29			
			ISEN590-Bi	21.12			
			ISEN585-Bi	20.94			
			ISEN580-Bi	20.76			
			ISEN575-Bi	20.58			
			ISEN570-Bi	20.40			
			ISEN565-Bi	20.22			
2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN540-Bi (540 Wp)	ISEN555-Bi	21.48		144 (Half Cut Cells)	1500
			ISEN550-Bi	21.29			
			ISEN545-Bi	21.10			
			ISEN540-Bi	20.90			
			ISEN535-Bi	20.71			
			ISEN530-Bi	20.52			
			ISEN525-Bi	20.32			
3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN490-Bi (490 Wp)	ISEN505-Bi	21.27		132 (Half Cut Cells)	1500
			ISEN500-Bi	21.06			
			ISEN495-Bi	20.85			
			ISEN490-Bi	20.64			
			ISEN485-Bi	20.42			
4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN440-Bi (440 Wp)	ISEN460-Bi	21.26		120 (Half Cut Cells)	1500
			ISEN455-Bi	21.03			
			ISEN450-Bi	20.80			
			ISEN445-Bi	20.57			
			ISEN440-Bi	20.34			
			ISEN435-Bi	20.10			
			ISEN430-Bi	19.87			
			ISEN425-Bi	19.64			
5	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ISEN395-Bi (395 Wp)	ISEN410-Bi	21.00		108 (Half Cut Cells)	1500
			ISEN405-Bi	20.74			
			ISEN400-Bi	20.48			
			ISEN395-Bi	20.23			
			ISEN390-Bi	19.97			
			ISEN385-Bi	19.72			
			ISEN380-Bi	19.46			

F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 26th December, 2024

To,

M/s. Mundra Solar Energy Limited,
Survey No 180 P, Co Mundra Solar Technopark Pvt Ltd,
Electronics Manufacturing Cluster EMC, Village Vandh and Tunda,
Mundra, Kutch, Adani Ports and Special Economic Zone,
Tunda, Kachchh - 370435, Gujrat

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Mundra Solar Energy Limited – reg.

Sir / Madam,

This is in reference to the application received from **M/s. Mundra Solar Energy Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Mundra Solar Energy Limited, Survey No 180 P, Co Mundra Solar Technopark Pvt Ltd, Electronics Manufacturing Cluster EMC, Village Vandh and Tunda, Mundra, Kutch, Adani Ports and Special Economic Zone, Tunda, Kachchh - 370435, Gujrat, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary


Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Mundra Solar Energy Limited
Plant Address	Survey No 180 P, Co Mundra Solar Technopark Pvt Ltd, Electronics Manufacturing Cluster EMC, Village Vandh and Tunda, Mundra, Kutch, Adani Ports and Special Economic Zone, Tunda, Kachchh - 370435, Gujrat
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	2125 MW/Year
Applied Capacity	2125 MW/Year

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage in Volt
1.	Bifacial Mono c-Si PERC Module	ASB-M10-144-553 (553)	ASB-M10-144-551	21.35	Registration No. R – 72005460	144 Half Cut Cells	1500
			ASB-M10-144-552	21.39			
			ASB-M10-144-553	21.43			
			ASB-M10-144-554	21.46			
			ASB-M10-144-555	21.50			
			ASB-M10-144-560	21.70			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 26th December, 2024

To,

M/s. Redren Energy Pvt. Ltd.
Survey No. 154/1, 154/2,
Opposite Rangpar Bus stand, NH 27,
Jalida, Wankaner, Morbi – 363621, Gujarat.

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Redren Energy Pvt. Ltd. – reg.

Sir / Madam,

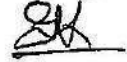
This is in reference to the application received from M/s. Redren Energy Pvt. Ltd. requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Redren Energy Pvt. Ltd., Survey No. 154/1, 154/2, Opposite Rangpar Bus stand, NH 27, Jalida, Wankaner, Morbi – 363621, Gujarat, in respect of 42 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary (MNRE), PPS to JS(LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Redren Energy Pvt. Ltd.
Plant Address	Survey No. 154/1, 154/2, Opposite Rangpar Bus stand, NH 27, Jalida, Wankaner, Morbi – 363621, Gujarat.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	77 MW/Year
Applied Capacity	400 MW/Year

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-156-620 (620 Wp)	RS-M10TC-156-645	23.16	Registration No.: R-72001775	156 (Half Cut Cells)	1500
			RS-M10TC-156-640	22.98			
			RS-M10TC-156-635	22.80			
			RS-M10TC-156-630	22.62			
			RS-M10TC-156-625	22.44			
			RS-M10TC-156-620	22.26			
			RS-M10TC-156-615	22.08			
			RS-M10TC-156-610	21.90			
			RS-M10TC-156-605	21.72			
			RS-M10TC-156-600	21.54			
2	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-156-585 (585 Wp)	RS-M10TC-156-590	21.18		156 (Half Cut Cells)	1500
			RS-M10TC-156-585	21.00			
			RS-M10TC-156-580	20.83			
3	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-590 (590 Wp)	RS-M10TC-144-610	23.61		144 (Half Cut Cells)	1500
			RS-M10TC-144-605	23.42			
			RS-M10TC-144-600	23.23			
			RS-M10TC-144-595	23.03			
			RS-M10TC-144-590	22.84			
			RS-M10TC-144-585	22.65			
			RS-M10TC-144-580	22.45			
			RS-M10TC-144-575	22.26			
4	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-560 (560 Wp)	RS-M10TC-144-565	21.87		144 (Half Cut Cells)	1500
			RS-M10TC-144-560	21.68			
			RS-M10TC-144-555	21.48			
			RS-M10TC-144-550	21.29			
5	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-550 (550 Wp)	RS-M10TC-132-560	23.58		132 (Half Cut Cells)	1500
			RS-M10TC-132-555	23.37			
			RS-M10TC-132-550	23.16			
			RS-M10TC-132-545	22.95			
			RS-M10TC-132-540	22.74			
			RS-M10TC-132-535	22.53			
6			RS-M10TC-132-530	22.32			1500
			RS-M10TC-132-525	22.11			

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-520 (520 Wp)	RS-M10TC-132-520	21.90		132 (Half Cut Cells)	
			RS-M10TC-132-515	21.69			
			RS-M10TC-132-510	21.48			
			RS-M10TC-132-505	21.27			
7	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-490 (490 Wp)	RS-M10TC-120-505	23.33		120 (Half Cut Cells)	1500
			RS-M10TC-120-500	23.10			
			RS-M10TC-120-495	22.87			
			RS-M10TC-120-490	22.63			
			RS-M10TC-120-485	22.40			
			RS-M10TC-120-480	22.17			
			RS-M10TC-120-475	21.94			
	RS-M10TC-120-470	21.71					
8	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-120-460 (460 Wp)	RS-M10TC-120-465	21.48		120 (Half Cut Cells)	1500
			RS-M10TC-120-460	21.25			
			RS-M10TC-120-455	21.02			
9	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-440 (440 Wp)	RS-M10TC-108-455	23.27		108 (Half Cut Cells)	1500
			RS-M10TC-108-450	23.02			
			RS-M10TC-108-445	22.76			
			RS-M10TC-108-440	22.51			
			RS-M10TC-108-435	22.25			
			RS-M10TC-108-430	21.99			
	RS-M10TC-108-425	21.74					
10	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-108-415 (415 Wp)	RS-M10TC-108-420	21.48		108 (Half Cut Cells)	1500
			RS-M10TC-108-415	21.23			
			RS-M10TC-108-410	20.97			
11	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-390 (390 Wp)	RS-M10TC-96-400	22.95		96 (Half Cut Cells)	1500
			RS-M10TC-96-395	22.66			
			RS-M10TC-96-390	22.38			
			RS-M10TC-96-385	22.09			
			RS-M10TC-96-380	21.80			
12	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-96-370 (370 Wp)	RS-M10TC-96-375	21.52		96 (Half Cut Cells)	1500
			RS-M10TC-96-370	21.23			
			RS-M10TC-96-365	20.94			
			RS-M10TC-96-360	20.65			
13	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-84-340 (340 Wp)	RS-M10TC-84-350	22.83		84 (Half Cut Cells)	1500
			RS-M10TC-84-345	22.50			
			RS-M10TC-84-340	22.18			
			RS-M10TC-84-335	21.85			
			RS-M10TC-84-330	21.52			
14	Bifacial N-Type TOPCon	RS-M10TC-84-320 (320 Wp)	RS-M10TC-84-325	21.20		84 (Half Cut Cells)	1500
			RS-M10TC-84-320	20.87			
			RS-M10TC-84-315	20.55			

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
	Module (Glass to Glass)						
15	N-Type TOPCon Module	RSM10CTC156-645 (645 Wp)	RSM10CTC156-660	23.70		156 (Half Cut Cells)	1500
			RSM10CTC156-655	23.52			
			RSM10CTC156-650	23.34			
			RSM10CTC156-645	23.16			
			RSM10CTC156-640	22.98			
			RSM10CTC156-635	22.80			
			RSM10CTC156-630	22.62			
16	N-Type TOPCon Module	RSM10CTC156-610 (610 Wp)	RSM10CTC156-625	22.44		156 (Half Cut Cells)	1500
			RSM10CTC156-620	22.26			
			RSM10CTC156-615	22.08			
			RSM10CTC156-610	21.90			
			RSM10CTC156-605	21.72			
			RSM10CTC156-600	21.54			
			RSM10CTC156-595	21.36			
17	N-Type TOPCon Module	RSM10CTC144-590 (590 Wp)	RSM10CTC144-610	23.61		144 (Half Cut Cells)	1500
			RSM10CTC144-605	23.42			
			RSM10CTC144-600	23.23			
			RSM10CTC144-595	23.03			
			RSM10CTC144-590	22.84			
			RSM10CTC144-585	22.65			
			RSM10CTC144-580	22.45			
			RSM10CTC144-575	22.26			
			RSM10CTC144-570	22.07			
18	N-Type TOPCon Module	RSM10CTC144-560 (560 Wp)	RSM10CTC144-565	21.87		144 (Half Cut Cells)	1500
			RSM10CTC144-560	21.68			
			RSM10CTC144-555	21.48			
			RSM10CTC144-550	21.29			
19	N-Type TOPCon Module	RSM10CTC132-550 (550 Wp)	RSM10CTC132-560	23.58		132 (Half Cut Cells)	1500
			RSM10CTC132-555	23.37			
			RSM10CTC132-550	23.16			
			RSM10CTC132-545	22.95			
			RSM10CTC132-540	22.74			
			RSM10CTC132-535	22.53			
			RSM10CTC132-530	22.32			
20	N-Type TOPCon Module	RSM10CTC132-520 (520 Wp)	RSM10CTC132-525	22.11		132 (Half Cut Cells)	1500
			RSM10CTC132-520	21.90			
			RSM10CTC132-515	21.69			
			RSM10CTC132-510	21.48			
			RSM10CTC132-505	21.27			
21	N-Type TOPCon Module	RSM10CTC120-490 (490 Wp)	RSM10CTC120-505	23.33		120 (Half Cut Cells)	1500
			RSM10CTC120-500	23.10			
			RSM10CTC120-495	22.87			
			RSM10CTC120-490	22.63			
			RSM10CTC120-485	22.40			
			RSM10CTC120-480	22.17			
			RSM10CTC120-475	21.94			
			RSM10CTC120-470	21.71			
22			RSM10CTC120-465	21.48			1500
			RSM10CTC120-460	21.25			

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
	N-Type TOPCon Module	RSM10CTC120-460 (460 Wp)	RSM10CTC120-455	21.02		120 (Half Cut Cells)	
23	N-Type TOPCon Module	RSM10CTC108-440 (440 Wp)	RSM10CTC108-455 RSM10CTC108-450 RSM10CTC108-445 RSM10CTC108-440 RSM10CTC108-435 RSM10CTC108-430 RSM10CTC108-425	23.27 23.02 22.76 22.51 22.25 21.99 21.74		108 (Half Cut Cells)	1500
24	N-Type TOPCon Module	RSM10CTC108-415 (415 Wp)	RSM10CTC108-420 RSM10CTC108-415 RSM10CTC108-410	21.48 21.23 20.97		108 (Half Cut Cells)	1500
25	N-Type TOPCon Module	RSM10CTC96-390 (390 Wp)	RSM10CTC96-400 RSM10CTC96-395 RSM10CTC96-390 RSM10CTC96-385 RSM10CTC96-380	22.95 22.66 22.38 22.09 21.80		96 (Half Cut Cells)	1500
26	N-Type TOPCon Module	RSM10CTC96-370 (370 Wp)	RSM10CTC96-375 RSM10CTC96-370 RSM10CTC96-365 RSM10CTC96-360	21.52 21.23 20.94 20.65		96 (Half Cut Cells)	1500
27	N-Type TOPCon Module	RSM10CTC84-340 (340 Wp)	RSM10CTC84-350 RSM10CTC84-345 RSM10CTC84-340 RSM10CTC84-335 RSM10CTC84-330	22.83 22.50 22.18 21.85 21.52		84 (Half Cut Cells)	1500
28	N-Type TOPCon Module	RSM10CTC84-320 (320 Wp)	RSM10CTC84-325 RSM10CTC84-320 RSM10CTC84-315	21.20 20.87 20.55		84 (Half Cut Cells)	1500
29	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC156-645 (645 Wp)	RSM10BTC156-660 RSM10BTC156-655 RSM10BTC156-650 RSM10BTC156-645 RSM10BTC156-640 RSM10BTC156-635 RSM10BTC156-630	23.70 23.52 23.34 23.16 22.98 22.80 22.62		156 (Half Cut Cells)	1500
30	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC156-610 (610 Wp)	RSM10BTC156-625 RSM10BTC156-620 RSM10BTC156-615 RSM10BTC156-610 RSM10BTC156-605 RSM10BTC156-600 RSM10BTC156-595	22.44 22.26 22.08 21.90 21.72 21.54 21.36		156 (Half Cut Cells)	1500
31	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-590 (590 Wp)	RSM10BTC144-610 RSM10BTC144-605 RSM10BTC144-600 RSM10BTC144-595 RSM10BTC144-590 RSM10BTC144-585 RSM10BTC144-580 RSM10BTC144-575	23.61 23.42 23.23 23.03 22.84 22.65 22.45 22.26		144 (Half Cut Cells)	1500

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
			RSM10BTC144-570	22.07			
32	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC144-560 (560 Wp)	RSM10BTC144-565 RSM10BTC144-560 RSM10BTC144-555 RSM10BTC144-550	21.87 21.68 21.48 21.29		144 (Half Cut Cells)	1500
33	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-550 (550 Wp)	RSM10BTC132-560 RSM10BTC132-555 RSM10BTC132-550 RSM10BTC132-545 RSM10BTC132-540 RSM10BTC132-535 RSM10BTC132-530	23.58 23.37 23.16 22.95 22.74 22.53 22.32		132 (Half Cut Cells)	1500
34	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC132-520 (520 Wp)	RSM10BTC132-525 RSM10BTC132-520 RSM10BTC132-515 RSM10BTC132-510 RSM10BTC132-505	22.11 21.90 21.69 21.48 21.27		132 (Half Cut Cells)	1500
35	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-490 (490 Wp)	RSM10BTC120-505 RSM10BTC120-500 RSM10BTC120-495 RSM10BTC120-490 RSM10BTC120-485 RSM10BTC120-480 RSM10BTC120-475 RSM10BTC120-470	23.33 23.10 22.87 22.63 22.40 22.17 21.94 21.71		120 (Half Cut Cells)	1500
36	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC120-460 (460 Wp)	RSM10BTC120-465 RSM10BTC120-460 RSM10BTC120-455	21.48 21.25 21.02		120 (Half Cut Cells)	1500
37	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-440 (440 Wp)	RSM10BTC108-455 RSM10BTC108-450 RSM10BTC108-445 RSM10BTC108-440 RSM10BTC108-435 RSM10BTC108-430 RSM10BTC108-425	23.27 23.02 22.76 22.51 22.25 21.99 21.74		108 (Half Cut Cells)	1500
38	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC108-415 (415 Wp)	RSM10BTC108-420 RSM10BTC108-415 RSM10BTC108-410	21.48 21.23 20.97		108 (Half Cut Cells)	1500
39	Bifacial N-Type		RSM10BTC96-400 RSM10BTC96-395	22.95 22.66			1500

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
	TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-390 (390 Wp)	RSM10BTC96-390 RSM10BTC96-385 RSM10BTC96-380	22.38 22.09 21.80		96 (Half Cut Cells)	
40	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC96-370 (370 Wp)	RSM10BTC96-375 RSM10BTC96-370 RSM10BTC96-365 RSM10BTC96-360	21.52 21.23 20.94 20.65		96 (Half Cut Cells)	1500
41	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC84-345 (345 Wp)	RSM10BTC84-350 RSM10BTC84-345 RSM10BTC84-340 RSM10BTC84-335	22.83 22.50 22.18 21.85		84 (Half Cut Cells)	1500
42	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	RSM10BTC84-325 (325 Wp)	RSM10BTC84-330 RSM10BTC84-325 RSM10BTC84-320 RSM10BTC84-315	21.52 21.20 20.87 20.55		84 (Half Cut Cells)	1500

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F. No. 283/41/2024- GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 6th January 2025

To,

M/s. Mundra Solar PV Ltd.
Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd,
Electronic manufacturing Cluster EMC,
Village Vandh & Tunda, Mundra
Kutch Adani Ports & SEZ, Tunda, Kachchh - -370435, Gujarat

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Mundra Solar PV Ltd. – reg.

Sir / Madam,

This is in reference to the application received from **M/s. Mundra Solar PV Ltd.** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to **M/s. Mundra Solar PV Limited**, Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, Mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - -370435, Gujarat, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Mundra Solar PV Limited
Plant Address	Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, Mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - -370435, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1,942 MW/Year
Applied Capacity	1,942 MW/Year

Details of additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V).
1	Bifacial N Type TOPCon Module	ASB-M10-144-545 (545 Wp)	ASB-M10-144-520	20.15	R-72008532	144 (Half Cut Cells)	1500
			ASB-M10-144-525	20.34			
			ASB-M10-144-530	20.53			
			ASB-M10-144-535	20.73			
			ASB-M10-144-540	20.92			
			ASB-M10-144-545	21.12			
			ASB-M10-144-576	22.32			
			ASB-M10-144-577	22.36			
			ASB-M10-144-578	22.39			
			ASB-M10-144-579	22.43			
ASB-M10-144-580	22.47						



F. No. 283/41/2024- GRID SOLAR
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 6th January, 2025

To,

M/s. Waaree Energies Limited
S. No. 1934, 1939, 1941,1942, NH-48,
Degam, Chikli, Navasari, Gujarat- 396530.

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Waaree Energies Limited – reg.

Sir / Madam,

This is in reference to the application received from **M/s. Waaree Energies Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Waaree Energies Limited, S.No. 1934, 1939, 1941,1942, NH-48, Degam, Chikli, Navasari, Gujarat-396530, in respect of 02 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PPS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Waaree Energies Limited
Plant Address	S.No. 1934, 1939, 1941,1942, NH-48, Degam, Chikli, Navasari, Gujarat, India - 396530
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	9,668 MW/Year
Applied Capacity	9,668 MW/Year

Details of additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage in Volt
1	Bifacial N - Type TOPCon Module	BiN-17-640 (640 Wp)	BiN-17-630	22.62	Registration No.: R-72005533	156 (Half Cut Cells)	1500
			BiN-17-635	22.80			
			BiN-17-640	22.98			
			BiN-17-645	23.16			
2	Bifacial N - Type TOPCon Module	BiN-08-595 (595 Wp)	BiN-08-585	22.65		144 (Half Cut Cells)	1500
			BiN-08-590	22.84			
			BiN-08-595	23.03			
			BiN-08-600	23.23			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,

Lodhi Road, New Delhi – 110003

Dated: 23rd January, 2025

To,

M/s. ReNew Photovoltaics Private Limited
Plot No. 232, TP-2/A, Dholera Special Investment Region,
Dholera, Ahmedabad - 382455, Gujarat.

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. ReNew Photovoltaics Private Limited – reg.

Sir / Madam,

This is in reference to the application received from M/s. ReNew Photovoltaics Private Limited. requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. ReNew Photovoltaics Private Limited, Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat. in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. ReNew Photovoltaics Private Limited
Plant Address	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1766 MW/Year
Applied Capacity	1766 MW/Year
Application Type	Model Addition

Details of additional model:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Bifacial N Type TOPCon Modules	RPS2MH72BD590 (590 Wp)	RPS2MH72BD570	22.07	R-72009903	144 (Half Cut Cells)	1500
			RPS2MH72BD575	22.26			
			RPS2MH72BD580	22.45			
			RPS2MH72BD585	22.65			
			RPS2MH72BD590	22.84			
			RPS2MH72BD595	23.03			
			RPS2MH72BD600	23.23			
			RPS2MH72BD605	23.42			
RPS2MH72BD610	23.61						



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 23rd January, 2025

To,

M/s. Renewsys India Pvt. Ltd

Plot No. E141, Additional Industrial Area,

MIDC, Patalganga, Tal. Panvel,

Karade Khurd, Raigad-410206 Maharashtra

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Renewsys India Pvt. Ltd – reg.

Sir / Madam,

This is in reference to the application received from M/s. Renewsys India Pvt. Ltd. requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Renewsys India Pvt. Ltd Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410206 Maharashtra in respect of 04 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Renewsys India Pvt. Ltd
Plant Address	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410206 Maharashtra, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1060 MW/Year
Applied Capacity	1060 MW/Year

Details of additional modules:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Transperant Backsheet)	DESERV EXTREME-435 (435 Wp)	DESERV EXTREME-420	21.44	R-71018970	108 (Half Cut Cells)	1500
			DESERV EXTREME-425	21.70			
			DESERV EXTREME-430	21.95			
			DESERV EXTREME-435	22.21			
			DESERV EXTREME-440	22.46			
			DESERV EXTREME-445	22.72			
			DESERV EXTREME-450	22.97			
2	Bifacial N-Type TOPCon Module (Glass to Transperant Backsheet)	DESERV EXTREME-485 (485 Wp)	DESERV EXTREME-465	21.44		120 (Half Cut Cells)	1500
			DESERV EXTREME-470	21.67			
			DESERV EXTREME-475	21.90			
			DESERV EXTREME-480	22.13			
			DESERV EXTREME-485	22.37			
			DESERV EXTREME-490	22.60			
			DESERV EXTREME-495	22.83			
3	Bifacial N-Type TOPCon Module (Glass to Transperant Backsheet)	DESERV EXTREME-585 (585 Wp)	DESERV EXTREME-565	21.90		144 (Half Cut Cells)	1500
			DESERV EXTREME-570	22.09			
			DESERV EXTREME-575	22.29			
			DESERV EXTREME-580	22.48			
			DESERV EXTREME-585	22.68			
			DESERV EXTREME-590	22.87			
			DESERV EXTREME-595	23.06			
4	Bifacial N-Type TOPCon Module (Glass to Transperant Backsheet)	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-615	22.05		156 (Half Cut Cells)	1500
			DESERV EXTREME-620	22.23			
			DESERV EXTREME-625	22.41			
			DESERV EXTREME-630	22.59			
			DESERV EXTREME-635	22.76			
			DESERV EXTREME-640	22.94			
			DESERV EXTREME-645	23.12			
			DESERV EXTREME-650	23.30			

SH

F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 23rd January, 2025

To,

M/s. ORB Energy Private Limited
No. 95, Digital Park Road, 2nd Stage,
Yeshwanthapura, Bangalore - 560022, Karnataka

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. ORB Energy Private Limited – reg.

Sir / Madam,

This is in reference to the application received from M/s. ORB Energy Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. ORB Energy Private Limited No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka in respect of 03 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. ORB Energy Private Limited
Plant Address	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	71 MW/Year
Applied Capacity	90 MW/Year
Application Type	Model Addition

Details of additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Mono c-Si PERC Modules	Orb545M144-15	Orb540M144-15	20.93	R-62001708	144 (Half Cut Cell)	1500
			Orb545M144-15	21.13			
2	Mono c-Si PERC Modules	Orb500M132-15	Orb495M132-15	20.86		132 (Half Cut Cell)	1500
			Orb500M132-15	21.07			
3	Mono c-Si PERC Modules	Orb455M120-15	Orb450M120-15	20.78			
			Orb455M120-15	21.01			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 23rd January, 2025

To,

M/s. Raajratna Ventures Ltd.,
Survey No. 69/2, Ahmedabad Mehsana Highway,
Opp Madhu Mill, Village Chandarda, Tal Kadi,
Dist. Mehsana, Gujarat - 382715

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Raajratna Ventures Ltd., – reg.

Sir / Madam,

This is in reference to the application received from M/s. Raajratna Ventures Ltd., requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Raajratna Ventures Ltd., Survey No. 69/2, Ahmedabad Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715 in respect of 02 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Raajratna Ventures Limited
Plant Address	Survey No. 69/2, Ahmedabad Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	79 MW/Year
Applied Capacity	79 MW/Year
Application Type	Model Addition

Details of additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Mono c-Si PERC Module	R545MBT (545 Wp)	R560MBT	21.68	R-72003379	144 (Half Cut Cells)	1500
			R555MBT	21.48			
			R550MBT	21.29			
			R545MBT	21.10			
			R540MBT	20.90			
			R535MBT	20.71			
2	Mono c-Si PERC Module	R485M132 (485 Wp)	R465M132	19.58		132 (Half Cut Cells)	1500
			R470M132	19.79			
			R475M132	20.00			
			R480M132	20.21			
			R485M132	20.42			
			R490M132	20.64			
			R495M132	20.85			
			R500M132	21.06			
			R505M132	21.27			



F. No. 283/41/2024- GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 23rd January, 2025

To,

M/s. Emmvee Energy Private Limited
Sy. No. 66-70/3, Sompura Industrial Area,
Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk,
Bengaluru Rural District, Karnataka - 562111

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Emmvee Energy Private Limited – reg.

Sir / Madam,

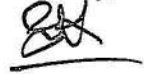
This is in reference to the application received from M/s. Emmvee Energy Private Limited., requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Emmvee Energy Private Limited, Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka – 562111 in respect of 11 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary, PS to JS (LB)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Emmvee Energy Private Limited
Plant Address	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1,504 MW/Year
Applied Capacity	3500 MW/Year
Application Type	Model Addition

Details of additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Modules (Glass to Glass)	E595HCBG144-T (595 Wp)	E585HCBG144-T	22.65	R-62004626	144 (Half Cut Cells)	1500
			E590HCBG144-T	22.84			
			E595HCBG144-T	23.03			
			E600HCBG144-T	23.23			
			E605HCBG144-T	23.42			
2	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	E415HCBT108-T (415 Wp)	E395HCBT108-T	20.25		108 (Half Cut Cells)	1500
			E400HCBT108-T	20.51			
			E405HCBT108-T	20.76			
			E410HCBT108-T	21.02			
			E415HCBT108-T	21.28			
			E420HCBT108-T	21.53			
			E425HCBT108-T	21.79			
			E430HCBT108-T	22.05			
			E435HCBT108-T	22.30			
3	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	E460HCBT120-T (460 Wp)	E440HCBT120-T	20.28		120 (Half Cut Cells)	1500
			E445HCBT120-T	20.51			
			E450HCBT120-T	20.74			
			E455HCBT120-T	20.97			
			E460HCBT120-T	21.20			
			E465HCBT120-T	21.44			
			E470HCBT120-T	21.67			
			E475HCBT120-T	21.90			
			E480HCBT120-T	22.13			
4	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	E505HCBT132-T (505 Wp)	E480HCBT132-T	20.19		132 (Half Cut Cells)	1500
			E485HCBT132-T	20.40			
			E490HCBT132-T	20.61			
			E495HCBT132-T	20.82			
			E500HCBT132-T	21.03			
			E505HCBT132-T	21.24			
			E510HCBT132-T	21.45			
			E515HCBT132-T	21.66			
			E520HCBT132-T	21.87			
			E525HCBT132-T	22.08			
			E530HCBT132-T	22.29			
5	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	E555HCBT144-T (555 Wp)	E530HCBT144-T	20.52		144 (Half Cut Cells)	1500
			E535HCBT144-T	20.71			
			E540HCBT144-T	20.90			
			E545HCBT144-T	21.10			
			E550HCBT144-T	21.29			
			E555HCBT144-T	21.48			
			E560HCBT144-T	21.68			
			E565HCBT144-T	21.87			
			E570HCBT144-T	22.07			
			E575HCBT144-T	22.26			
E580HCBT144-T	22.45						

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
6	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	E525HCBT144-T (525 Wp)	E525HCBT144-T	20.32		144 (Half Cut Cells)	1500
7	N-Type TOPCon Module	E415HCMW108-T (415 Wp)	E395HCMW108-T	20.25		108 (Half Cut Cells)	1500
			E400HCMW108-T	20.51			
			E405HCMW108-T	20.76			
			E410HCMW108-T	21.02			
			E415HCMW108-T	21.28			
			E420HCMW108-T	21.53			
			E425HCMW108-T	21.79			
			E430HCMW108-T	22.05			
8	N-Type TOPCon Module	E460HCMW120-T (460 Wp)	E435HCMW108-T	22.30		120 (Half Cut Cells)	1500
			E440HCMW120-T	20.28			
			E445HCMW120-T	20.51			
			E450HCMW120-T	20.74			
			E455HCMW120-T	20.97			
			E460HCMW120-T	21.20			
			E465HCMW120-T	21.44			
			E470HCMW120-T	21.67			
9	N-Type TOPCon Module	E505HCMW132-T (505 Wp)	E475HCMW120-T	21.90		132 (Half Cut Cells)	1500
			E480HCMW120-T	22.13			
			E480HCMW132-T	20.19			
			E485HCMW132-T	20.40			
			E490HCMW132-T	20.61			
			E495HCMW132-T	20.82			
			E500HCMW132-T	21.03			
			E505HCMW132-T	21.24			
			E510HCMW132-T	21.45			
			E515HCMW132-T	21.66			
10	N-Type TOPCon Module	E555HCMW144-T (555 Wp)	E520HCMW132-T	21.87		144 (Half Cut Cells)	1500
			E525HCMW132-T	22.08			
			E530HCMW132-T	22.29			
			E530HCMW144-T	20.52			
			E535HCMW144-T	20.71			
			E540HCMW144-T	20.90			
			E545HCMW144-T	21.10			
			E550HCMW144-T	21.29			
			E555HCMW144-T	21.48			
			E560HCMW144-T	21.68			
11	N-Type TOPCon Module	E525HCMW144-T (525 Wp)	E565HCMW144-T	21.87		144 (Half Cut Cells)	1500
			E570HCMW144-T	22.07			
			E575HCMW144-T	22.26			
			E580HCMW144-T	22.45			
			E525HCMW144-T	20.32			

SH