

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: 24th May, 2024

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 29.04.2024.

5. The List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXV 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 24.05.2024)

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), Bettahalasuru 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	60 (Full Cells)	1500	10.03.2023	09.03.2027
2	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	R-51000590	532	i	Mono C-Si PERC Modules	SS535144HCMP (535Wp)	SS520144HCMP SS525144HCMP SS530144HCMP SS535144HCMP SS540144HCMP SS545144HCMP SS550144HCMP SS555144HCMP	20.16 20.35 20.54 20.74 20.93 21.13 21.32 21.51	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS520144HCBP SS525144HCBP SS530144HCBP SS535144HCBP SS540144HCBP SS545144HCBP SS550144HCBP SS555144HCBP	20.16 20.35 20.54 20.74 20.93 21.13 21.32 21.51	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
3	M/s Solex Energy Ltd	Plot No. 131/A Phase-1, G.I.D.C, Vitthal Udyog Nagar, Anand, Gujarat	R-72002577	21	i	Mono C-Si PERC Modules	SESM24375 (375 Wp)	SESM24370 SESM24375 SESM24380	19.04 19.30 19.55	72 (Full Cells)	1000	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	SES20CM120W320 (320 Wp)	SES20CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W375 SES24CM144W380 SES24CM144W385	19.01 19.30 19.51	144 (Half Cells)	1000	10.03.2023	09.03.2027
4	Saatvik Green Energy Pvt. Ltd.	Village Dubli, Tehsil- Barara, Dist- Ambala -133101, Haryana	R-91003670	566	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
					ii	Mono C-Si PERC Modules	SGE 255-48M (255 Wp)	SGE 255-48M	19.37	48 (Full Cells)	1000	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 280-54M SGE 285-54M	19.15 19.49	54 (Full Cells)	1000	10.03.2023	09.03.2027
					iv	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 310-60M SGE 315-60M	19.08 19.41	60 (Full Cells)	1500	10.03.2023	09.03.2027
					v	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 370-72M SGE 375-72M SGE 380-72M	19.09 19.35 19.61	72 (Full Cells)	1500	10.03.2023	09.03.2027
					vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE555-156MHC SGE560-156MHC SGE565-156MHC SGE570-156MHC SGE575-156MHC SGE580-156MHC SGE585-156MHC SGE590-156MHC	19.78 19.96 20.14 20.32 20.50 20.67 20.85 21.03	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE520-144MHC SGE525-144MHC SGE530-144MHC SGE535-144MHC SGE540-144MHC SGE545-144MHC SGE550-144MHC	20.13 20.32 20.52 20.70 20.90 21.10 21.29	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					viii	Mono C-Si PERC Modules	SGE485-132MHC, (485 Wp)	SGE470-132MHC SGE475-132MHC SGE480-132MHC SGE485-132MHC SGE490-132MHC SGE495-132MHC SGE500-132MHC SGE420-120MHC	19.78 20.01 20.23 20.41 20.63 20.84 21.05 19.37	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027

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)
					ix	Mono C-Si PERC Modules	SGE440-120MHC, (440 Wp)	SGE425-120MHC	19.60	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE430-120MHC	19.83				
								SGE435-120MHC	20.06				
								SGE440-120MHC	20.29				
								SGE445-120MHC	20.52				
								SGE450-120MHC	20.76				
					x	Mono C-Si PERC Modules	SGE395-108MHC, (395 Wp)	SGE455-120MHC	20.99	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE380-108MHC	19.44				
								SGE385-108MHC	19.69				
								SGE390-108MHC	19.95				
								SGE395-108MHC	20.20				
								SGE400-108MHC	20.46				
					xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE405-108MHC	20.71	72 (Full Cell)	1500	10.03.2023	09.03.2027
								SGE410-108MHC	20.98				
								SGE 385-72M	19.22				
								SGE 390-72M	19.47				
								SGE 395-72M	19.72				
								SGE 400-72M	19.97				
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar 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)	NSM355-66	19.87	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
NSM570-156	20.39												
NSM575-156	20.57												
NSM580-156	20.74												
v	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM585-156	20.92	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM525-144	20.32									
			NSM530-144	20.51									
			NSM535-144	20.71									
			NSM540-144	20.90									
			NSM545-144	21.09									
			NSM550-144	21.29									
			NSM555-144	21.48									
vi	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM560-144	21.67	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM480-132	20.21									
			NSM485-132	20.42									
			NSM490-132	20.64									
			NSM495-132	20.85									
vii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM500-132	21.06	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM435-120	20.09									
			NSM440-120	20.33									
			NSM445-120	20.56									
			NSM450-120	20.79									
viii	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM455-120	21.02	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM390-108	19.96									
			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)	NSM410-108	20.98	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM350-96	20.06									
			NSM355-96	20.35									
			NSM360-96	20.64									
x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM365-96	20.92	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM260-72	19.62									
			NSM265-72	20.00									
			NSM270-72	20.38									
			NSM275-72	20.76									
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					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								NSM480-156	20.50				
								NSM485-156	20.72				
								NSM435-144	20.08				
								NSM440-144	20.32				
					xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM445-144	20.78	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM450-144	20.55					
							NSM455-144	21.01					
							NSM460-144	21.64					
							NSM465-144	21.47					
							NSM395-132	19.85					
					xiii	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM400-132	20.10	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM405-132	20.35					
							NSM410-132	20.60					
							NSM415-132	20.85					
							NSM360-120	19.84					
							NSM365-120	20.11					
					xiv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM370-120	20.39	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM375-120	20.66					
							NSM320-108	19.52					
							NSM325-108	19.82					
							NSM330-108	20.13					
							NSM335-108	20.43					
					xv	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM340-108	20.74	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM285-96	19.47					
							NSM290-96	19.81					
							NSM295-96	20.15					
							NSM300-96	20.49					
							NSM215-72	19.32					
					xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM220-72	19.77	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM225-72	20.22					
							NSM385	19.40					
							NSM390	19.65					
							NSM395	19.90					
							NSM400	20.15					
					xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	JH-420M	19.26	72 (Full Cells)	1500	10.03.2023	09.03.2027
							JH-425M	19.49					
							JH-430M	19.71					
							JH-435M	19.94					
							JH-440M	20.17					
							JH-445M	20.40					
					xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	JH-450M	20.63	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-455M	20.86					
							JH-460M	21.09					
							JH-470M	19.66					
							JH-475M	19.87					
							JH-480M	20.08					
					ii	Mono C-Si PERC Modules	JH-490M, (490Wp)	JH-485M	20.29	132 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-490M	20.50					
							JH-495M	20.71					
							JH-500M	20.92					
							JH-505M	21.13					
							JH-510M	21.34					
					iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-515M	19.85	144 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-520M	20.04					
							JH-525M	20.23					
							JH-530M	20.43					
							JH-535M	20.62					
							JH-540M	20.81					
					iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-545M	21.00	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-550M	21.20					
							JH-555M	21.39					
							JH-580M	20.67					
							JH-585M	20.85					
							JH-590M	21.03					
					v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JH-595M	21.21	72 (Full Cells)	1500	17.08.2023	16.08.2027
							JH-600M	21.38					
							JP-H385M	19.37					
							JP-H390M	19.62					
							JP-H395M	19.87					
							JP-H400M	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)
					vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JP-H405M	20.37	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
								JH-380M	19.28				
								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				
								JH-390BB	19.99				
								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							
					JH-440BB	20.31							
					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							
					JH-500BB	21.07							
					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							
					JH-550BB	21.31							
					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							
					JH-440BT	20.31							
					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							
					JH-500BT	21.07							
					JH-505BT	21.29							
					JH-510BT	21.50							
					JH-515BT	21.71							
					JH-520BT	20.15							
					JH-525BT	20.34							
					JH-530BT	20.53							

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)					
					xiv	Mono c-Si Bifacial PERC Module	JH-535BT	JH-535BT	20.73	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
								JH-540BT	20.92									
								JH-545BT	21.11									
								JH-550BT	21.31									
					xv	Mono c-Si Bifacial PERC Module	JH-400BW	JH-555BT	21.50	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
								JH-380BW	19.48									
								JH-385BW	19.73									
								JH-390BW	19.99									
								JH-395BW	20.25									
								JH-400BW	20.50									
								JH-405BW	20.76									
								JH-410BW	21.01									
					xvi	Mono c-Si Bifacial PERC Module	JH-440BW	JH-415BW	21.27	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
								JH-420BW	19.39									
								JH-425BW	19.62									
								JH-430BW	19.85									
								JH-435BW	20.08									
								JH-440BW	20.31									
								JH-445BW	20.54									
								JH-450BW	20.77									
					xvii	Mono c-Si Bifacial PERC Module	JH-490BW	JH-455BW	21.00	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
								JH-460BW	21.23									
								JH-475BW	20.02									
								JH-480BW	20.23									
JH-485BW	20.44																	
JH-490BW	20.65																	
JH-495BW	20.86																	
JH-500BW	21.07																	
xviii	Mono c-Si Bifacial PERC Module	JH-535BW	JH-505BW	21.29	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027										
			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														
7	Insolation Energy Pvt. Ltd	Khasra No 766/2, Vill-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					
								INA72MP395	19.80									
					ii	Mono c-Si PERC Module	INA72MP385	INA72MP390	19.55	72 (Full Cells)	1500	29.09.2023	28.09.2027					
								INA72MP385	19.30									
					8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	319	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) (565Wp-595Wp)	INA72MP380	19.05	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
													G2XBifacial1734-HAE	20.20				
													G2XBifacial1741-HAE	20.38				
													G2XBifacial1747-HAE	20.56				
													G2XBifacial1754-HAE	20.74				
													G2XBifacial1760-HAE	20.92				
													G2XBifacial1767-HAE	21.10				
													G2XBifacial1773-HAE	21.28				
										ii	Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)	G2XBifacial1663-HAD	19.74	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
													G2XBifacial1669-HAD	19.94				
													G2XBifacial1676-HAD	20.13				
													G2XBifacial1682-HAD	20.32				
													G2XBifacial1689-HAD	20.52				
													G2XBifacial1695-HAD	20.71				
													G2XBifacial1702-HAD	20.90				
													G2XBifacial1708-HAD	21.10				
										iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)	G2XBifacial1715-HAD	21.29	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
													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																	
iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1578-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														

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	Mono c-Si PERC Modules	G2XBifacial1526-HAY (405 Wp) (390Wp-415Wp)	G2XBifacial1539-HAY 21.06 G2XBifacial1533-HAY 20.80 G2XBifacial1526-HAY 20.55 G2XBifacial1520-HAY 20.30 G2XBifacial1507-HAY 19.79		108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)	G2XBifacial1474-HAX 20.71 G2XBifacial1468-HAX 20.43 G2XBifacial1461-HAX 20.14 G2XBifacial1455-HAX 19.86		96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					vii	Mono c-Si PERC Modules	G2X590-HAE (590 Wp)	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		156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					viii	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	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		144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					ix	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X505-HAB 21.13 G2X500-HAB 20.92 G2X495-HAB 20.71 G2X490-HAB 20.50 G2X485-HAB 20.29		132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					x	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X460-HAA 21.09 G2X455-HAA 20.87 G2X450-HAA 20.64 G2X445-HAA 20.41 G2X440-HAA 20.18		120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xi	Mono c-Si PERC Modules	G2X405-HAY (405 Wp)	G2X415-HAY 21.06 G2X410-HAY 20.80 G2X405-HAY 20.55 G2X400-HAY 20.30 G2X390-HAY 19.79		108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xii	Mono c-Si PERC Modules	G2X360-HAX (360 Wp)	G2X365-HAX 20.71 G2X360-HAX 20.43 G2X355-HAX 20.14 G2X350-HAX 19.86		96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xiii	Mono c-Si PERC Modules	GS-420-AAA (420 Wp)	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		78 (Full Cells)	1500	29.09.2023	28.09.2027
					xiv	Mono c-Si PERC Modules	GS-400-AAB (400 Wp)	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		72 (Full Cells)	1500	29.09.2023	28.09.2027
					xv	Mono c-Si PERC Modules	GS-360-AAC (360 Wp)	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		66 (Full Cells)	1500	29.09.2023	28.09.2027
					xvi	Mono c-Si PERC Modules	GS-330-AAD (330 Wp)	GS-325-AAD 19.46 GS-330-AAD 19.76 GS-335-AAD 20.06 GS-290-AAE 19.21		60 (Full 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)					
					xvii	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-295-AAE GS-300-AAE	19.54 19.87	54 (Full Cells)	1500	29.09.2023	28.09.2027					
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-260-AAF GS-265-AAF	19.26 19.63	48 (Full Cells)	1500	29.09.2023	28.09.2027					
					xix	Mono c-Si PERC Modules	GS-230-AAG (230 Wp)	GS-230-AAG	19.33	42 (Full Cells)	1500	29.09.2023	28.09.2027					
					xx	Mono c-Si PERC Modules	GS-200-AAH (200 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					
					9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaoon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	261	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	10.11.2023	09.11.2027
										ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA255MP48	19.2	48 (Full Cell)	1500	10.11.2023	09.11.2027
													NOVA260MP48	19.6				
										iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA315MP60	19.2	60 (Full Cell)	1500	10.11.2023	09.11.2027
													NOVA320MP60	19.5				
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														
			NOVA285MP54	19.2														
v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA290MP54	19.5						54 (Full Cell)	1500	10.11.2023	09.11.2027					
			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														
vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA380MP144	19						144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA385MP144	19.3														
			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														
			NOVA360MP96	20.5														
			NOVA365MP96	20.78														
			NOVA255MP72	19.06														
ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA260MP72	19.45						72 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA265MP72	19.81														
			NOVA270MP72	20.19														
			NOVA275MP72	20.57														
x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA375MP108	19.11						108 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA380MP108	19.37														
			NOVA385MP108	19.63														
			NOVA390MP108	19.88														
			NOVA395MP108	20.14														
			NOVA400MP108	20.4														
			NOVA405MP108	20.66														
			NOVA410MP108	20.91														
			NOVA415MP108	21.17														
xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA415MP120	19.11						108 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA420MP120	19.34														
			NOVA425MP120	19.57														
			NOVA430MP120	19.8														
			NOVA435MP120	20.03														
			NOVA440MP120	20.26														
			NOVA445MP120	20.49														
			NOVA450MP120	20.72														
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														
							NOVA455MP120	20.95										

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					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
					xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA455MP132	19.2	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				NOVA460MP132				19.41					
				NOVA465MP132				19.62					
				NOVA470MP132				19.83					
				NOVA475MP132				20.04					
				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	
				xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA505MP132	21.31	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							NOVA495MP144	19.16					
							NOVA500MP144	19.35					
							NOVA505MP144	19.54					
							NOVA510MP144	19.74					
							NOVA515MP144	19.94					
							NOVA520MP144	20.13					
							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	
10	M/s. Pahal Solar	189, Block No.-71, Olpad Sayan Road, Atodara, Olpad Surat-394540, Gujarat	R-72001848	282	i	Mono c-Si PERC Modules	PS_540 (540Wp)	PS_550	21.29	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
				PS_545				21.09					
				ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_540	20.9	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027	
							PS_535	20.71					
				iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_530	20.51	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027	
							PS_525	20.32					
				iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_500	19.35	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027	
							PS_495	19.16					
				v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_445	20.37	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027	
							PS_440	20.14					
				vi	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PS_435	19.91	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027	
							PS_430	19.68					
				vii	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PS_380	19.53	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PS_375	19.28					
				viii	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PS_370	19.02	56 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_150	19.90					
				ix	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_155	20.56	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_160	21.22					
				x	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_200	19.28	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_205	19.76					
				xi	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_210	20.24	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_215	20.72					
				xii	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_220	21.21	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_245	20.79					
				xiii	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_250	21.22	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_255	21.64					
				xiv	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_260	22.06	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_265	22.49					
				xv	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_270	20.38	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_275	20.76					
				xvi	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_280	21.13	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_285	21.51					
				xvii	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_290	21.89	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_295	20.18					
				xviii	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_300	20.52	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
							PSN_305	20.86					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								PSN_310	21.21				
								PSN_315	21.55				
								PSN_320	20.87				
								PSN_325	21.19				
					xi	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_330	21.52	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_335	21.85				
								PSN_340	22.17				
								PSN_345	22.50				
								PSN_350	20.06				
								PSN_355	20.35				
					xii	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_360	20.64	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_365	20.92				
								PSN_370	21.21				
								PSN_375	21.50				
								PSN_380	21.78				
					xiii	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_385	22.07	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_390	22.36				
								PSN_400	20.48				
								PSN_405	20.74				
					xiv	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_410	20.99	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_415	21.25				
								PSN_420	21.50				
								PSN_425	21.76				
								PSN_430	22.02				
					xv	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_435	22.27	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_440	22.53				
								PSN_445	22.78				
								PSN_450	23.04				
								PSN_460	21.26				
								PSN_465	21.49				
								PSN_470	21.72				
								PSN_475	21.95				
					xvi	Bifacial N-type TOPCon Modules	PSN_480 (480Wp)	PSN_480	22.18	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_485	22.41				
								PSN_490	22.64				
								PSN_495	22.87				
								PSN_500	21.07				
								PSN_505	21.28				
								PSN_510	21.49				
					xvii	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_515	21.70	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_520	21.91				
								PSN_525	22.13				
								PSN_530	22.34				
								PSN_535	20.71				
								PSN_540	20.90				
								PSN_545	21.09				
								PSN_550	21.29				
					xviii	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_555	21.48	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_560	21.67				
								PSN_565	21.87				
								PSN_570	22.06				
								PSN_575	22.25				
								PSN_580	22.45				
								PSN_585	20.91				
								PSN_590	21.09				
								PSN_595	21.27				
								PSN_600	21.45				
					xix	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_605	21.63	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_610	21.81				
								PSN_615	21.99				
								PSN_620	22.17				

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												From	To (subject to valid BIS Registration; else deemed to be delisted)		
11	M/s Pixon Green Energy Pvt. Ltd.	R.S. No. 157/1, 158/1, 158/2, 165/1, 166 of Khijadiya Nana, R.S. No. 15/1 of Depaliya, Padadhari, Rajkot Gujarat-360110	R-72004570	745	i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	PSN_625	22.34	72 (Full Cells)	1500	10.11.2023	09.11.2027		
								PSN_630	22.52						
								PIX MP3 72 380	19.14						
								PIX MP3 72 385	19.4						
								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														
ii	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MBHTB 132 625	19.93	132 (Half cut cells)	1500	10.11.2023	09.11.2027							
			PIX MBHTB 132 630	20.09											
			PIX MBHTB 132 635	20.25											
			PIX MBHTB 132 640	20.41											
			PIX MBHTB 132 645	20.57											
			PIX MBHTB 132 650	20.72											
			PIX MBHTB 132 655	20.88											
			PIX MBHTB 132 660	21.04											
			iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)					PIX MBHTB 132 645 (645Wp)	PIX MPH 120 570	19.94	132 (Half cut cells)	1500	10.11.2023	09.11.2027
										PIX MPH 120 575	20.11				
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														
PIX MBHTB 120 575	20.11														
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														
iv	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MPH 108 510	19.76	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027							
			PIX MPH 108 515	19.95											
			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											
			PIX MPHTB 108 515	19.95											
			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														
v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MPH 156 560	20.00	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027							
			PIX MPH 156 565	20.18											
			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											
			PIX MBHTB 156 560	20.00											
			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														
vi	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 144 510	19.74	108 (half cut cell)	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 MPHTB 108 510	19.76											
			PIX MPHTB 108 515	19.95											
			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														
vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPH 156 600	20.00	156 (Half cut cells)	1500	10.11.2023	09.11.2027							
			PIX MPH 156 605	20.18											
			PIX MPH 156 610	20.36											
			PIX MPH 156 615	20.54											
			PIX MPH 156 620	20.71											
			PIX MPH 156 625	20.89											
			PIX MPH 156 630	21.07											
			PIX MPH 156 635	21.25											
			PIX MBHTB 156 600	20.00											
			PIX MBHTB 156 605	20.18											
PIX MBHTB 156 610	20.36														
PIX MBHTB 156 615	20.54														
PIX MBHTB 156 620	20.71														
PIX MBHTB 156 625	20.89														
PIX MBHTB 156 630	21.07														
PIX MBHTB 156 635	21.25														
viii	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 144 510	19.74	156 (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 MPHTB 144 510	19.74											
			PIX MPHTB 144 515	19.94											
			PIX MPHTB 144 520	20.13											
			PIX MPHTB 144 525	20.32											
			ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)					PIX MBHTB 156 585 (585Wp)	PIX MPH 156 640	20.00	144 (Half cut cells)	1500	10.11.2023	09.11.2027
										PIX MPH 156 645	20.18				
PIX MPH 156 650	20.36														
PIX MPH 156 655	20.54														
PIX MPH 156 660	20.71														
PIX MPH 156 665	20.89														
PIX MPH 156 670	21.07														
PIX MPH 156 675	21.25														
PIX MBHTB 156 640	20.00														
PIX MBHTB 156 645	20.18														
PIX MBHTB 156 650	20.36														
PIX MBHTB 156 655	20.54														
PIX MBHTB 156 660	20.71														
PIX MBHTB 156 665	20.89														
PIX MBHTB 156 670	21.07														
PIX MBHTB 156 675	21.25														
x	Mono c-Si PERC Module	PIX MPH 144 535	PIX MPH 156 680	20.00	144 (Half cut cells)	1500	10.11.2023	09.11.2027							
			PIX MPH 156 685	20.18											
			PIX MPH 156 690	20.36											
			PIX MPH 156 695	20.54											
			PIX MPH 156 700	20.71											
			PIX MPH 156 705	20.89											
			PIX MPH 156 710	21.07											
			PIX MPH 156 715	21.25											
			PIX MBHTB 156 680	20.00											
			PIX MBHTB 156 685	20.18											
PIX MBHTB 156 690	20.36														
PIX MBHTB 156 695	20.54														
PIX MBHTB 156 700	20.71														
PIX MBHTB 156 705	20.89														
PIX MBHTB 156 710	21.07														
PIX MBHTB 156 715	21.25														

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)
							(535Wp)	PIX MPH 144 530	20.52				
								PIX MPH 144 535	20.71				
								PIX MPH 144 540	20.90				
								PIX MPH 144 545	21.09				
								PIX MPH 144 510	19.74				
								PIX MPH 144 515	19.94				
								PIX MPH 144 520	20.13				
					xi	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 525	20.32	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPH 144 530	20.52				
								PIX MPH 144 535	20.71				
								PIX MPH 144 540	20.90				
								PIX MPH 144 545	21.09				
								PIX MBHTB 144 510	19.74				
								PIX MBHTB 144 515	19.94				
								PIX MBHTB 144 520	20.13				
								PIX MBHTB 144 525	20.32				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 530	20.52	144 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHTB 144 535	20.71				
								PIX MBHTB 144 540	20.90				
								PIX MBHTB 144 545	21.09				
								PIX MPH 132 470	19.74				
								PIX MPH 132 475	19.95				
								PIX MPH 132 480	20.16				
								PIX MPH 132 485	20.37				
					xiii	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 490	20.58	132 (Half cut cell)	1500	10.11.2023	09.11.2027
								PIX MPH 132 495	20.79				
								PIX MPH 132 500	21.00				
								PIX MBHTB 132 470	19.74				
								PIX MBHTB 132 475	19.95				
								PIX MBHTB 132 480	20.16				
								PIX MBHTB 132 485	20.37				
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 490	20.58	132 (Half cut cell)	1500	10.11.2023	09.11.2027
								PIX MBHTB 132 495	20.79				
								PIX MBHTB 132 500	21.00				
								PIX MBHDTB 156 560	20.00				
								PIX MBHDTB 156 565	20.18				
								PIX MBHDTB 156 570	20.36				
								PIX MBHDTB 156 575	20.54				
								PIX MBHDTB 156 580	20.72				
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 156 575 (575 Wp)	PIX MBHDTB 156 585	20.89	156 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MBHDTB 156 590	21.07				
								PIX MBHDTB 156 595	21.25				
								PIX MBHDTB 144 510	19.74				
								PIX MBHDTB 144 515	19.94				
								PIX MBHDTB 144 520	20.13				
								PIX MBHDTB 144 525	20.32				
								PIX MBHDTB 144 530	20.52				
								PIX MBHDTB 144 535	20.71				
								PIX MBHDTB 144 540	20.90				
								PIX MBHDTB 144 545	21.10				
								PIX MBHDTB 132 470	19.75				
								PIX MBHDTB 132 475	19.96				
								PIX MBHDTB 132 480	20.17				
								PIX MBHDTB 132 485	20.38				
								PIX MBHDTB 132 490	20.59				
								PIX MBHDTB 132 495	20.80				
								PIX MBHDTB 132 500	21.01				
								PIX MBHDTB 120 420	19.35				
								PIX MBHDTB 120 425	19.58				
								PIX MBHDTB 120 430	19.81				
								PIX MBHDTB 120 435	20.04				
								PIX MBHDTB 120 440	20.27				
								PIX MBHDTB 120 445	20.50				
								PIX MBHDTB 120 450	20.73				
								PIX MBHDTB 120 455	20.96				
								PIX MBHDTB 108 375	19.10				
								PIX MBHDTB 108 380	19.36				
								PIX MBHDTB 108 385	19.61				
								PIX MBHDTB 108 390	19.87				
								PIX MBHDTB 108 395	20.12				
								PIX MBHDTB 108 400	20.38				
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 108 395 (395 Wp)	PIX MBHDTB 108 405	20.63	108 (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)
					xx	Mono c-Si PERC Module	PIX MPH 156 575 (575 Wp)	PIX MBHDTB 108 410	20.89	156 (Half cut cells)	1500	10.11.2023	09.11.2027
								PIX MPH 156 560	20.00				
								PIX MPH 156 565	20.18				
								PIX MPH 156 570	20.36				
								PIX MPH 156 575	20.54				
								PIX MPH 156 580	20.72				
								PIX MPH 156 585	20.89				
								PIX MPH 156 590	21.07				
								PIX MPH 156 595	21.25				
								PIX MPH 144 510	19.74				
								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	21.10							
					PIX MPH 132 470	19.75							
					PIX MPH 132 475	19.96							
					PIX MPH 132 480	20.17							
					PIX MPH 132 485	20.38							
					PIX MPH 132 490	20.59							
					PIX MPH 132 495	20.80							
					PIX MPH 132 500	21.01							
PIX MPH 120 420	19.35												
PIX MPH 120 425	19.58												
PIX MPH 120 430	19.81												
PIX MPH 120 435	20.04												
PIX MPH 120 440	20.27												
PIX MPH 120 445	20.50												
PIX MPH 120 450	20.73												
PIX MPH 120 455	20.96												
PIX MPH 108 375	19.10												
PIX MPH 108 380	19.36												
PIX MPH 108 385	19.61												
PIX MPH 108 390	19.87												
PIX MPH 108 395	20.12												
PIX MPH 108 400	20.38												
PIX MPH 108 405	20.63												
PIX MPH 108 410	20.89												
12	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	R-93007480	248	i	MONO C-Si PERC Modules.	ALP380WM, (380Wp-385Wp)	ALP380WM (380 Wp)	19.38	72 (Full Cells)	1500	10.11.2023	09.11.2027
								ALP385WM (385 Wp)	19.64				
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	1099	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				
								SOMERA VSMH.60.460.05	21.28				
					ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.455.05	21.05	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
								PARADEA VSMDH.72.550.05	21.33				
					iii	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.545.05	21.13	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.72.540.05	20.94				
								PARADEA VSMDH.72.535.05	20.75				
					iv	Mono c-Si PERC Modules	PREXOS VSM DHT.72.535.05 (535 Wp)	PREXOS VSM DHT.72.535.05	20.75	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PREXOS VSM DHT.72.530.05	20.55				
								PARADEA VSMDH.66.660.05	21.25				
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.66.650.05 (650 Wp)	PARADEA VSMDH.66.655.05	21.09	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								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				
								PARADEA VSMDH.60.600.05	21.20				
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.60.590.05 (590 Wp)	PARADEA VSMDH.60.595.05	21.02	120(Half Cut Cells)	1500	10.11.2023	09.11.2027
								PARADEA VSMDH.60.590.05	20.85				
								PARADEA VSMDH.60.585.05	20.67				
								PARADEA VSMDH.60.580.05	20.50				
								SOMERA VSMH.66.670.05	21.57				

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	Mono c-Si PERC Modules	SOMERA VSMH.66.655.05 (655 Wp)	SOMERA VSMH.66.665.05 SOMERA VSMH.66.660.05 SOMERA VSMH.66.655.05 SOMERA VSMH.66.650.05 SOMERA VSMH.66.645.05 SOMERA VSMH.66.640.05	21.41 21.25 21.09 20.92 20.76 20.60	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					viii	Mono c-Si PERC Modules	SOMERA VSMH.60.600.05 (600 Wp)	SOMERA VSMH.60.610.05 SOMERA VSMH.60.605.05 SOMERA VSMH.60.600.05 SOMERA VSMH.60.595.05 SOMERA VSMH.60.590.05 SOMERA VSMH.60.585.05 SOMERA VSMH.60.580.05 SOMERA VSMH.72.455.05 SOMERA VSMH.72.450.05 SOMERA VSMH.72.445.05 SOMERA VSMH.72.440.05	21.55 21.38 21.20 21.02 20.85 20.67 20.49 20.46 20.23 20.01 19.79	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ix	Mono c-Si PERC Modules	SOMERA VSMH.72.450.05 (450 Wp)	SOMERA VSMH.72.455.05 SOMERA VSMH.72.450.05 SOMERA VSMH.72.445.05 SOMERA VSMH.72.440.05	20.46 20.23 20.01 19.79	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
14	M/s. Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlakshmi HiTech Industrial Park, Sonale Village, Bhwandi-421302, Maharashtra	R-71013196	49	i	Mono c-Si PERC Modules	CG MB72-405 (405 Wp)	CG MB72-395 CG MB72-400 CG MB72-405 CG MB72-410 CG MB72-415	19.17 19.41 19.66 19.90 20.14	72 (Full Cells)	1500	30.12.2023	29.12.2027
		Co-ALMM with M/s. Credence Solar Panels Private Limited Manufacturing Address: Plot No. 18&19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	R-72008656	30 (As per Co-Branding Agreement)	ii	Mono c-Si PERC Module	CG-X144-525 (525 Wp)	CG-X144-500 CG-X144-505 CG-X144-510 CG-X144-515 CG-X144-520 CG-X144-525 CG-X144-530 CG-X144-535 CG-X144-540 CG-X144-545 CG-X144-550	19.04 19.24 19.43 19.62 19.81 20.00 20.19 20.38 20.57 20.76 20.95	144 (Half Cut Cells)	1500	10.04.2024	24.01.2025
15	M/s. ECE (India) Energies Pvt. Ltd.	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India.	R-71012220	40	i	Mono c-Si PERC Module	ECE060M310 (310Wp)	ECE060M310	19.19	60 (Full Cells)	1500	04.03.2024	03.03.2028
					ii	Mono c-Si PERC Module	ECE060M340 (340Wp)	ECE060M340	19.23	66 (Full Cells)	1500	04.03.2024	03.03.2028
					iii	Mono c-Si PERC Module	ECE060M370 (370Wp)	ECE060M370	19.17	72 (Full Cells)	1500	04.03.2024	03.03.2028
		Co-ALMM with M/s Navitas Green Solutions Pvt. Ltd. Manufacturing Address: Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72008389	100 (As per Co-Branding Agreement)	iv	Mono c-Si PERC Module	ECE072M220 (220 Wp)	ECE072M215 ECE072M220 ECE072M225 ECE072M260 ECE072M265 ECE072M270 ECE072M275	19.32 19.77 20.22 19.62 20.00 20.38 20.76	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025
					v	Mono c-Si PERC Module	ECE072M270 (270 Wp)	ECE072M265 ECE072M270 ECE072M275	19.62 20.00 20.38	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025
					vi	Mono c-Si PERC Module	ECE096M295 (295 Wp)	ECE096M285 ECE096M290 ECE096M295 ECE096M300 ECE096M350 ECE096M355 ECE096M360 ECE096M365	19.42 19.81 20.15 20.49 20.06 20.35 20.64 20.92	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025
					vii	Mono c-Si PERC Module	ECE096M360 (360 Wp)	ECE096M350 ECE096M355 ECE096M360 ECE096M365	20.06 20.35 20.64 20.92	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025
					viii	Mono c-Si PERC Module	ECE108M330 (330 Wp)	ECE108M320 ECE108M325 ECE108M330 ECE108M335 ECE108M340 ECE108M390 ECE108M395 ECE108M400 ECE108M405 ECE108M410 ECE120M360 ECE120M365 ECE120M370 ECE120M375 ECE120M435 ECE120M440	19.52 19.82 20.13 20.43 20.74 19.96 20.21 20.47 20.72 20.98 19.84 20.11 20.39 20.66 20.10 20.33	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
					ix	Mono c-Si PERC Module	ECE108M400 (400 Wp)	ECE108M390 ECE108M395 ECE108M400 ECE108M405 ECE108M410 ECE120M360 ECE120M365 ECE120M370 ECE120M375 ECE120M435 ECE120M440	19.96 20.21 20.47 20.72 20.98 19.84 20.11 20.39 20.66 20.10 20.33	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
					x	Mono c-Si PERC Module	ECE120M370 (370 Wp)	ECE120M360 ECE120M365 ECE120M370 ECE120M375 ECE120M435 ECE120M440	19.84 20.11 20.39 20.66 20.10 20.33	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025

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)
					xi	Mono c-Si PERC Module	ECE120M445 (445 Wp)	ECE120M445	20.56	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M450	20.79				
								ECE120M455	21.02				
					xii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE132M395	19.85	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M400	20.10				
								ECE132M405	20.35				
								ECE132M410	20.06				
								ECE132M415	20.85				
					xiii	Mono c-Si PERC Module	ECE132M490 (490 Wp)	ECE132M480	20.22	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M485	20.43				
								ECE132M490	20.64				
								ECE132M495	20.85				
								ECE132M500	21.06				
					xiv	Mono c-Si PERC Module	ECE144M450 (450 Wp)	ECE144M435	20.09	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M440	20.32				
								ECE144M445	20.55				
								ECE144M450	20.78				
								ECE144M455	21.01				
								ECE144M460	21.24				
								ECE144M465	21.48				
					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				
					xvi	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE156M460	19.30	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
ECE156M465	19.51												
ECE156M470	19.72												
ECE156M475	19.93												
ECE156M480	20.14												
xvii	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M485	20.35	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025					
			ECE156M570	20.39									
			ECE156M575	20.57									
			ECE156M580	20.74									
			ECE156M585	20.92									
16	Rayson Solar Private Limited	Block No-105, B/H Aron Pipes, B/H hariya Talav, Kim mandvi Road, Karanj, Surat-394110, Gujrat, India.	R-72002305	1637	i	Mono c-Si PERC Modules	RS400WC (400 Wp)	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				
								RS430WC	19.88				
					ii	Mono c-Si PERC Modules	RS445WC (445 Wp)	RS435WC	20.12	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								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				
								RSS00WC	21.06				
					iv	Mono c-Si PERC Modules	RS535WC	RSS05WC	21.28	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSS10WC	21.49				
								RSS15WC	19.96				
								RSS20WC	20.17				
RSS25WC	20.34												
RSS30WC	20.55												
RSS35WC	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)				
							(535 Wp)	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									
							RSB460WC	19.40									
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB480WC (480 Wp)	RSB465WC	19.60					132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSB470WC	19.84									
							RSB475WC	20.02									
							RSB480WC	20.26									
							RSB485WC	20.46									
							RSB490WC	20.66									
							RSB495WC	20.87									
							RSB500WC	21.08									
							RSB415WC	19.18									
							RSB420WC	19.42									
					vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB435WC (435 Wp)	RSB425WC	19.65	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
							RSB430WC	19.86									
							RSB435WC	20.10									
							RSB440WC	20.35									
							RSB445WC	20.58									
							RSB450WC	20.81									
							RSB455WC	21.02									
							RSB380WC	19.47									
							RSB385WC	19.72									
							RSB390WC	19.96									
							RSB395WC	20.22									
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB390WC (390 Wp)	RSB400WC	20.47					108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
							RSB405WC	20.75									
							RSB410WC	21.00									
							RSB415WC	21.25									
							RSB420WC	21.50									
							RSB425WC	21.75									
							RSB430WC	22.00									
							RSB435WC	22.25									
							RSB440WC	22.50									
							RSB445WC	22.75									
							RSB450WC	23.00									
					ix	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG530WC (530 Wp)	RSG505WC	19.57	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
							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									

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)				
						Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG435WC (435 Wp)	RSG415WC	19.18	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								RSG420WC	19.42								
								RSG425WC	19.65								
								RSG430WC	19.86								
								RSG435WC	20.10								
								RSG440WC	20.35								
								RSG445WC	20.58								
								RSG450WC	20.81								
								RSG455WC	21.02								
								RSG380WC	19.47								
						Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG390WC (390 Wp)	RSG385WC	19.72	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								RSG390WC	19.96								
								RSG395WC	20.22								
								RSG400WC	20.47								
								RSG405WC	20.75								
								RSG410WC	21.00								
								RS535144TGC	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											
					RS565144TGC	21.89											
					RS570144TGC	22.08											
					RS575144TGC	22.28											
					RS580144TGC	22.47											
						Bifacial N Type TOPCon Module (Glass to Glass)	RS560144TGC (560 Wp)	RS585144TGC	22.66	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								R5485132TGC	20.43								
								R5490132TGC	20.64								
								R5495132TGC	20.85								
								R5500132TGC	21.06								
								R5505132TGC	21.27								
								R5510132TGC	21.49								
								R5515132TGC	21.70								
								R5520132TGC	21.91								
								R5525132TGC	22.12								
						Bifacial N Type TOPCon Module (Glass to Glass)	RS510132TGC (510 Wp)	R5530132TGC	22.33	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								R5535132TGC	22.54								
								R5445120TGC	20.54								
								R5450120TGC	20.77								
								R5455120TGC	21.00								
								R5460120TGC	21.23								
								R5465120TGC	21.46								
								R5470120TGC	21.70								
								R5475120TGC	21.93								
								R5480120TGC	22.16								
						Bifacial N Type TOPCon Module (Glass to Glass)	RS465120TGC (465 Wp)	R5485120TGC	22.39	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								R5395108TGC	20.24								
								R5400108TGC	20.50								
								R5405108TGC	20.76								
								R5410108TGC	21.01								
								R5415108TGC	21.27								
								R5420108TGC	21.53								
								R5425108TGC	21.78								
								R5430108TGC	22.04								
								R5435108TGC	22.30								
						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											
					KE560T	21.68											
					KE555T	21.48											
					KE550T	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)					
					ii	(Glass to Transparent Backsheet)	(550 Wp)	KE550T	21.29	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
								KE545T	21.10									
								KE540T	20.90									
								KE535T	20.71									
								KE530T	20.52									
					iii	Mono c-Si PERC Modules	KE445M (445 Wp)	KE460M	21.21	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
								KE455M	20.98									
								KE450M	20.75									
								KE445M	20.52									
								KE440M	20.29									
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE445T (445 Wp)	KE435M	20.06	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
								KE430M	19.83									
								KE460T	21.21									
								KE455T	20.98									
								KE450T	20.75									
					v	Mono c-Si PERC Modules	KE400M (400 Wp)	KE445T	20.52	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
								KE440T	20.29									
								KE435T	20.06									
								KE430T	19.83									
								KE415M	21.24									
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE400T (400 Wp)	KE410M	20.98	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
								KE405M	20.73									
								KE400M	20.47									
								KE395M	20.22									
								KE390M	19.96									
					vii	Mono c-Si PERC Modules	KE255M (255 Wp)	KE385M	19.70	48 (Full Cells)	1500	04.03.2024	03.03.2028					
								KE415T	21.24									
								KE410T	20.98									
								KE405T	20.73									
								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									
								KE385T	19.70									
								KE255M	19.22									
								KE280M	19.05									
					ix	Mono c-Si PERC Modules	KE325M (325 Wp)	KE285M	19.39	60 (Full Cells)	1500	04.03.2024	03.03.2028					
								KE315M	19.17									
								KE320M	19.47									
								KE325M	19.78									
								KE330M	20.08									
x	Mono c-Si PERC Modules	KE390M (390 Wp)	KE335M	20.38	72 (Full Cells)	1500	04.03.2024	03.03.2028										
			KE380M	19.16														
			KE385M	19.42														
			KE390M	19.67														
			KE395M	19.92														
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	70	i	Multi C-Si Modules.	CSPL18P155, (155Wp)	CSPL18P150	15.3	36 (Full Cells)	1000	04.03.2024	03.03.2028					
								CSPL18P155	15.8									
								CSPL18P160	16.3									
					ii	Multi C-Si Modules	CSPL18P205, (205Wp)	CSPL18P200	14.5	48 (Full Cells)	1000	04.03.2024	03.03.2028					
								CSPL18P205	14.9									
								CSPL18P210	15.2									
					iii	Multi C-Si Modules	CSPL18P235, (235Wp)	CSPL18P230	15.7	54 (Full Cells)	1000	04.03.2024	03.03.2028					
								CSPL18P235	16.03									
								CSPL18P240	16.38									
					iv	Multi C-Si Modules	CSPL18P260, (260Wp)	CSPL18P250	15.4	60 (Full Cells)	1000	04.03.2024	03.03.2028					
								CSPL18P255	15.71									
								CSPL18P260	16.14									
					v	Multi C-Si Modules	CSPL18P285, (285Wp)	CSPL18P265	16.34	60 (Full Cells)	1000	04.03.2024	03.03.2028					
								CSPL18P270	16.68									
								CSPL18P275	16.97									
					vi	Multi C-Si Modules	CSPL24P315, (315Wp)	CSPL18P280	17.2	60 (Full Cells)	1000	04.03.2024	03.03.2028					
								CSPL18P285	17.54									
								CSPL18P290	17.8									
													CSPL18P295	18.1	72 (Full Cells)	1000	04.03.2024	03.03.2028
													CSPL24P300	15.5				
													CSPL24P305	15.75				
													CSPL24P310	16				
													CSPL24P315	16.23				

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)
								CSPL24P320	16.49				
								CSPL24P325	16.74				
								CSPL24P330	17				
					vii	Multi C-Si Modules	CSPL24P340, (340Wp)	CSPL24P335	17.26	72 (Full Cells)	1000	04.03.2024	03.03.2028
							CSPL24P340	17.6					
							CSPL24P345	17.8					
							CSPL24M380	19.15					
					viii	Mono PERC C-Si Modules.	CSPL24M390, (390 Wp)	CSPL24M385	19.41	72 (Full Cells)	1000	04.03.2024	03.03.2028
							CSPL24M390	19.66					
							CSPL24M395	19.91					
							CSPL24M400	20.16					
19	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	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	20.05	60 (Full Cells)	1500	05.04.2024	04.04.2028
							RPLUS20325	19.74					
							RPLUS20320	19.44					
					iii	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS20315	19.14	54 (Full Cells)	1500	05.04.2024	04.04.2028
							RPLUS18300	20.37					
							RPLUS18295	20.03					
					iv	Mono c-Si PERC Module	RSM10MP-72HCMF550 (550Wp)	RPLUS18290	19.69	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RPLUS18285	19.35					
							RSM10MP-72HCMF550	21.29					
					v	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF545	21.10	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10MP-72HCMF540	20.90					
							RSM10MP-72HCMF535	20.71					
							RSM10MP-72HCMF530	20.52					
							RSM10MP-72HCMF525	20.32					
							RSM10MP-72HCMF520	20.13					
							RSM10MP-72HCMF515	19.94					
							RSM10MP-72HCMF510	19.74					
							RSM10MP-72HCMF505	19.55					
							RSM10MP-72HCMF500	19.35					
							RSM10MP-72HCMF495	19.16					
					vi	Mono c-Si PERC Module	RSM10MP-66HCMF500 (500 Wp)	RSM10MP-66HCMF505	21.27	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10MP-66HCMF500	21.06					
							RSM10MP-66HCMF495	20.84					
							RSM10MP-66HCMF490	20.63					
							RSM10MP-66HCMF485	20.42					
							RSM10MP-66HCMF480	20.21					
							RSM10MP-66HCMF475	20.03					
					vii	Mono c-Si PERC Module	RSM10MP-66HCMF470 (470 Wp)	RSM10MP-66HCMF470	19.79	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10MP-66HCMF465	19.58					
							RSM10MP-66HCMF460	19.37					
					viii	Mono c-Si PERC Module	RSM10MP-60HCMF460 (460 Wp)	RSM10MP-66HCMF455	19.16	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10MP-60HCMF460	21.25					
							RSM10MP-60HCMF455	21.02					
					ix	Mono c-Si PERC Module	RSM10MP-60HCMF435 (435 Wp)	RSM10MP-60HCMF450	20.79	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10MP-60HCMF445	20.55					
							RSM10MP-60HCMF440	20.32					
							RSM10MP-60HCMF435	20.09					
							RSM10MP-60HCMF430	19.86					
							RSM10MP-60HCMF425	19.63					
							RSM10MP-60HCMF420	19.40					
							RSM10MP-60HCMF415	19.17					
							RSM10MP-54HCMF420	21.48					
							RSM10MP-54HCMF415	21.23					
							RSM10MP-54HCMF410	20.97					
					x	Mono c-Si PERC Module	RSM10MP-54HCMF400 (400 Wp)	RSM10MP-54HCMF405	20.71	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							RSM10MP-54HCMF400	20.46					
							RSM10MP-54HCMF395	20.20					
							RSM10MP-54HCMF390	19.95					
							RSM10MP-54HCMF385	19.69					
							RSM10MP-54HCMF380	19.44					
							PE-470HM	19.80					
							PE-475HM	20.01					
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-480HM	20.22	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							PE-485HM	20.43					
							PE-490HM	20.64					
							PE-495HM	20.86					
							PE-510HM	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)												
								PE-505HM	21.28	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028												
								PE-500HM	21.07																
								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																
								21	M/s. Sri Savitr Solar Pvt.					Plot No. 34/L, Sy No. 374, C.I.E. Phase	R-63000922	40				SSSPL-72TP-255	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)										
Ltd	2, Gandhi Nagar, Quthbulapur, Ranga Reddy, Hyderabad, Telangana - 500037, India				i	Mono c-Si PERC Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-260	19.58	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
								SSSPL-72TP-265	19.96														
								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														
					iii	Mono c-Si PERC Module	SSSPL-108TP-390 (390 Wp)	SSSPL-108TP-390	19.98	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
								SSSPL-108TP-400	20.49														
					iv	Mono c-Si PERC Module	SSSPL-108TP-410 (410Wp)	SSSPL-108TP-410	21.00	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
					v	Mono c-Si PERC Module	SSSPL-120TP-440 (440Wp)	SSSPL-120TP-420	19.42	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
								SSSPL-120TP-430	19.89														
								SSSPL-120TP-440	20.35														
								SSSPL-120TP-450	20.81														
					vi	Mono c-Si PERC Module	SSSPL-132TP-485 (485 Wp)	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														
								SSSPL-132TP-480	20.23														
								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	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
								SSSPL-132TP-500	21.07														
								SSSPL-144TP-500	19.36														
								SSSPL-144TP-510	19.75														
					viii	Mono c-Si PERC Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-520	20.14	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
								SSSPL-144TP-530	20.52														
								SSSPL-144TP-540	20.91														
								SSSPL-144TP-550	21.30														
					22	M/s. Bluebird Solar Pvt. Ltd	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	R-93014680	100	i	Mono c-Si PERC Modules	BBS24MF395 (395Wp)	BBS24MF380	19.10	72 (Full Cells)	1500	05.04.2024	04.04.2028					
BBS24MF385	19.35																						
BBS24MF390	19.60																						
BBS24MF395	19.85																						
ii	Mono c-Si PERC Module	BBS24MC460 (460Wp)	BBS24MF400	20.10						120 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
			BBS24MF405	20.35																			
			BBS24MC440	19.73																			
			BBS24MC445	19.95																			
			BBS24MC450	20.18																			
			BBS24MC455	20.40																			
iii	Mono c-Si PERC Module	BBS24MC495 (495Wp)	BBS24MC460	20.63						132 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
			BBS24MC465	20.85																			
			BBS24MC470	21.08																			
			BBS24MC475	21.31																			
			BBS24MC480	19.45																			
			BBS24MC485	19.65																			
iv	Mono c-Si PERC Module	BBS24MC525 (525Wp)	BBS24MC490	19.85						144 (Half Cut Cells)	1500	05.04.2024	04.04.2028										
			BBS24MC495	20.05																			
			BBS24MC500	20.25																			
			BBS24MC505	20.46																			
23	M/s. Rajasthan Electronics and Instruments Limited (REIL)	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040	IEC Certificates are available	23						i	Multi C-Si Modules	320W72, (320Wp)	BBS24MC510	20.66	72 (Full Cells)	1000	18.08.2022	17.08.2024					
													BBS24MC515	19.96									
													BBS24MC520	20.15									
													BBS24MC525	20.34									
										24	M/s. Neety Euro Asia Solar Energy	E-153, GIDC Electronics Estate, Sector-26, Gandhinagar, Gujarat - 382028, India	R-72004740	28	i	Multi C-Si Modules	N270P60, (270Wp)	BBS24MC530	20.53	60 (Full Cells)	1500	18.08.2022	17.08.2024
																		BBS24MC535	20.73				
																		BBS24MC540	20.92				
																		BBS24MC545	21.12				
					ii	Multi C-Si Modules	N325P72, (325Wp)	BBS24MC550	21.31						72 (Full Cells)	1500	18.08.2022	17.08.2024					
								310W72	15.78														
								320W72	16.27														
								330W72	16.9														
24	M/s. Neety Euro Asia Solar Energy	E-153, GIDC Electronics Estate, Sector-26, Gandhinagar, Gujarat - 382028, India	R-72004740	28	i	Multi C-Si Modules	N270P60, (270Wp)	335W72	17.25	60 (Full Cells)	1500	18.08.2022	17.08.2024										
								N260P60	15.4														
								N265P60	15.7														
								N270P60	16.03														
					ii	Multi C-Si Modules	N325P72, (325Wp)	N275P60	16.32	72 (Full Cells)	1500	18.08.2022	17.08.2024										
								N280P60	16.62														
								N310P72	15.99														
								N315P72	16.24														
24	M/s. Neety Euro Asia Solar Energy	E-153, GIDC Electronics Estate, Sector-26, Gandhinagar, Gujarat - 382028, India	R-72004740	28	ii	Multi C-Si Modules	N325P72, (325Wp)	N320P72	16.5	72 (Full Cells)	1500	18.08.2022	17.08.2024										
								N325P72	16.7														

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)
					iii	Multi C-Si Modules	N330P144, (330Wp)	N330P72 N335P72 N340P72 N320P144 N325P144 N330P144 N335P144 N340P144	17.02 17.27 17.54 15.81 16.7 17.02 17.27 17.54	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					iv	Mono C-Si PERC Modules	N400M144, (400Wp)	N380M144 N385M144 N390M144 N395M144 N400M144 N405M144 N410M144 N415M144 N420M144	17.13 17.36 17.58 17.81 18.03 18.26 18.48 18.71 18.93	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
25	M/s. Shivam Photovoltaics Private Limited	101 New Ahmedabad Industrial Estate, Near Zydus Research Center, Village Moraiya, Taluka Sanand, District Ahmedabad, Gujarat-382213	R-72003468	30	i	Multi C-Si Modules	SPL72FP315Wp, (315 Wp)	SPL72FP300Wp SPL72FP305Wp SPL72FP310Wp SPL72FP315Wp SPL72FP320Wp SPL72FP325Wp SPL72FP330Wp	15.43 15.69 15.95 16.21 16.47 16.72 16.98	72 Full Cell	1500	18.08.2022	17.08.2024
					ii	Multi C-Si Modules	SPL60FP260Wp, (260 Wp)	SPL60FP250Wp SPL60FP255Wp SPL60FP260Wp SPL60FP265Wp SPL60FP270Wp	13 13.26 13.52 13.78 14.04	60 Full Cell	1500	18.08.2022	17.08.2024
26	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	100	i	Multi C-Si Modules	SS-265, (265Wp)	SS-255 SS-260 SS-265 SS-270 SS-275	15.3 15.6 15.89 16.19 16.49	60 (Full Cells)	1500	18.08.2022	17.08.2024
					ii	Multi C-Si Modules	SS-295, (295Wp)	SS-280 SS-285 SS-290 SS-295 SS-300 SS-305 SS-310 SS-315	15.32 15.6 15.86 16.14 16.42 16.69 16.95 17.1	66 (Full Cells)	1500	18.08.2022	17.08.2024
					iii	Multi C-Si Modules	SS-330, (330Wp)	SS-315 SS-320 SS-325 SS-330 SS-335 SS-340 SS-345	15.85 16.1 16.35 16.6 16.85 17.1 17.35	72 (Full Cells)	1500	18.08.2022	17.08.2024
27	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	96	i	Multi C-Si Modules	R260P, (260Wp)	R250P R255P R260P R265P R270P	16.5 16.9 17.2 17.5 17.9	60 (Full Cells)	1500	18.08.2022	17.08.2024
					ii	Multi C-Si Modules	R260P(72C), (260Wp)	R250P(72C) R255P(72C) R260P(72C) R270P(72C)	16.5 16.9 17 17.2	72 (Cut Cell)	1500	18.08.2022	17.08.2024
					iii	Multi C-Si Modules	R300P, (300Wp)	R300P R305P R310P R315P	16.7 16.9 17.2 17.4	72 (Full Cells)	1500	18.08.2022	17.08.2024
					iv	Multi C-Si Modules	R320P, (320Wp)	R320P R325P R330P R335P R420M R425M	17.7 17.9 18.3 18.4 19.27 19.5	72 (Full Cells)	1500	18.08.2022	17.08.2024

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	Mono PERC C-Si Modules	R435M, (435Wp)	R430M R435M R440M R445M R450M	19.73 19.96 20.18 20.41 20.64	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					vi	Mono PERC C-Si Modules	R530M, (530Wp)	R510M R515M R520M R525M R530M R535M R540M R545M R550M	19.73 19.93 20.12 20.31 20.51 20.7 20.89 21.09 21.28	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
28	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	2158	i	Mono C-Si PERC Modules	ASM-M10-144-520, (520Wp)	ASM-M10-144-500 ASM-M10-144-501 ASM-M10-144-502 ASM-M10-144-503 ASM-M10-144-504 ASM-M10-144-505 ASM-M10-144-506 ASM-M10-144-507 ASM-M10-144-508 ASM-M10-144-509 ASM-M10-144-510 ASM-M10-144-511 ASM-M10-144-512 ASM-M10-144-513 ASM-M10-144-514 ASM-M10-144-515 ASM-M10-144-516 ASM-M10-144-517 ASM-M10-144-518 ASM-M10-144-519 ASM-M10-144-520 ASM-M10-144-521 ASM-M10-144-522 ASM-M10-144-523 ASM-M10-144-524 ASM-M10-144-525 ASM-M10-144-526 ASM-M10-144-527 ASM-M10-144-528 ASM-M10-144-529 ASM-M10-144-530 ASM-M10-144-531 ASM-M10-144-532 ASM-M10-144-533 ASM-M10-144-534 ASM-M10-144-535 ASM-M10-144-536 ASM-M10-144-537 ASM-M10-144-538 ASM-M10-144-539 ASM-M10-144-540 ASM-M10-144-541 ASM-M10-144-542 ASM-M10-144-543 ASM-M10-144-544 ASM-M10-144-545	19.48 19.51 19.55 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	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								ASB-M10-144-500 ASB-M10-144-501 ASB-M10-144-502 ASB-M10-144-503 ASB-M10-144-504 ASB-M10-144-505 ASB-M10-144-506 ASB-M10-144-507 ASB-M10-144-508	19.48 19.51 19.55 19.59 19.63 19.67 19.71 19.75 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)
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-520 (520Wp)	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	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	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
29	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra	R-71018970	565	i	Monofacial C-Si PERC Modules	DESERV SGALACTIC-560 (560Wp)	DESERV SGALACTIC-555 DESERV SGALACTIC-560 DESERV SGALACTIC-565 DESERV SGALACTIC-570 DESERV SGALACTIC-575 DESERV SGALACTIC-580 DESERV SGALACTIC-490 DESERV SGALACTIC-495 DESERV SGALACTIC-500 DESERV SGALACTIC-505 DESERV SGALACTIC-510 DESERV SGALACTIC-515 DESERV SGALACTIC-520 DESERV SGALACTIC-525 DESERV SGALACTIC-530 DESERV SGALACTIC-535 DESERV SGALACTIC-405 DESERV SGALACTIC-410 DESERV SGALACTIC-415 DESERV SGALACTIC-420 DESERV SGALACTIC-425 DESERV SGALACTIC-430 DESERV SGALACTIC-435 DESERV SGALACTIC-440 DESERV SGALACTIC-445	19.77 19.95 20.13 20.3 20.48 20.66 18.87 19.06 19.25 19.45 19.64 19.83 20.02 20.22 20.41 20.6 18.61 18.84 19.07 19.3 19.53 19.76 19.99 20.22 20.45	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					ii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-515 (515Wp)	DESERV SGALACTIC-490 DESERV SGALACTIC-495 DESERV SGALACTIC-500 DESERV SGALACTIC-505 DESERV SGALACTIC-510 DESERV SGALACTIC-515 DESERV SGALACTIC-520 DESERV SGALACTIC-525 DESERV SGALACTIC-530 DESERV SGALACTIC-535 DESERV SGALACTIC-405 DESERV SGALACTIC-410 DESERV SGALACTIC-415 DESERV SGALACTIC-420 DESERV SGALACTIC-425 DESERV SGALACTIC-430 DESERV SGALACTIC-435 DESERV SGALACTIC-440 DESERV SGALACTIC-445	18.87 19.06 19.25 19.45 19.64 19.83 20.02 20.22 20.41 20.6 18.61 18.84 19.07 19.3 19.53 19.76 19.99 20.22 20.45	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					iii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-425 (425Wp)	DESERV SGALACTIC-405 DESERV SGALACTIC-410 DESERV SGALACTIC-415 DESERV SGALACTIC-420 DESERV SGALACTIC-425 DESERV SGALACTIC-430 DESERV SGALACTIC-435 DESERV SGALACTIC-440 DESERV SGALACTIC-445	18.61 18.84 19.07 19.3 19.53 19.76 19.99 20.22 20.45	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					iv	Bifacial C-Si PERC Modules	DESERV EXTREME-560 (560Wp)	DESERV EXTREME-555 DESERV EXTREME-560	19.77 19.95	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024

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-565	20.13								
								DESERV EXTREME-570	20.3								
								DESERV EXTREME-575	20.48								
								DESERV EXTREME-580	20.66								
					v	Bifacial C-Si PERC Modules	DESERV EXTREME-515 (515Wp)	DESERV EXTREME-490	18.87	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV EXTREME-495	19.06									
							DESERV EXTREME-500	19.25									
							DESERV EXTREME-505	19.45									
							DESERV EXTREME-510	19.64									
							DESERV EXTREME-515	19.83									
							DESERV EXTREME-520	20.02									
							DESERV EXTREME-525	20.22									
							DESERV EXTREME-530	20.41									
							DESERV EXTREME-535	20.6									
							DESERV EXTREME-405	18.61									
					vi	Bifacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV EXTREME-410	18.84					120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
							DESERV EXTREME-415	19.07									
							DESERV EXTREME-420	19.3									
							DESERV EXTREME-425	19.53									
							DESERV EXTREME-430	19.76									
							DESERV EXTREME-435	19.99									
							DESERV EXTREME-440	20.22									
							DESERV EXTREME-445	20.45									
					vii	Mono PERC C-Si Module	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-585	20.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV SGALACTIC-590	21.07	18.08.2022			17.08.2024					
					viii	Mono PERC C-Si Module	DESERV SGALACTIC-545 (545 Wp)	DESERV SGALACTIC-540	20.8	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV SGALACTIC-545	21	18.08.2022			17.08.2024					
					ix	Mono PERC C-Si Module	DESERV SGALACTIC-455 (455Wp)	DESERV SGALACTIC-450	20.7	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV SGALACTIC-455	21	18.08.2022			17.08.2024					
					x	Mono PERC Bifacial C-Si Module	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME-585	20.8	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV EXTREME-590	21.01	18.08.2022			17.08.2024					
					xi	Mono PERC Bifacial C-Si Module	DESERV EXTREME-545 (545 Wp)	DESERV EXTREME-540	20.8	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV EXTREME-545	21	18.08.2022			17.08.2024					
					xii	Mono PERC Bifacial C-Si Module	DESERV EXTREME-455 (455 Wp)	DESERV EXTREME-450	20.7	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
							DESERV EXTREME-455	21	18.08.2022			17.08.2024					
30	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	8524				WSMD-520	20.2	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
					i	Mono C-Si PERC Modules	WSMD-540, (540Wp)	WSMD-525	20.39								
							WSMD-530	20.58									
							WSMD-535	20.78									
							WSMD-540	20.97									
							WSMD-545	21.17									
							WSMD-580	20.35									
					ii	Mono C-Si PERC Modules	WSMD-600, (600Wp)	WSMD-585	20.52					120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
							WSMD-590	20.7									
							WSMD-595	20.88									
							WSMD-600	21.06									
							WSMD-605	21.24									
							WSMD-630	20.16									
					iii	Mono C-Si PERC Modules	WSMD-650, (650Wp)	WSMD-635	20.32	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							WSMD-640	20.48									
							WSMD-645	20.64									
							WSMD-650	20.8									
					iv	Bifacial Mono C-Si PERC Modules	Bi-55-540, (540Wp)	Bi-55-520	20.2	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							Bi-55-525	20.39									
							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									
							Bi-66-580	20.35									
					v	Bifacial Mono C-Si PERC Modules	Bi-66-600, (600Wp)	Bi-66-585	20.52					120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
							Bi-66-590	20.7									
							Bi-66-595	20.88									
							Bi-66-600	21.06									
							Bi-68-630	20.16									
							Bi-68-635	20.32									
					vi	Bifacial Mono C-Si PERC Modules	Bi-68-650, (650Wp)	Bi-68-640	20.48	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024				
							Bi-68-645	20.64									
							Bi-68-650	20.8									
							Bi-68-650	20.8									
31	M/s ITI Limited	ITI Limited, Naini, Mirzapur Road, Naini, Allahabad, Uttar Pradesh-	R-93012246	30	i	Multi C-Si Modules	ITI320PF72, (320Wp)	ITI305PF72	15.46	72 (Full Cells)	1500	27.09.2022	26.09.2024				
							ITI320PF72	16.22									

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)
		211010, India											
					ii	Multi C-Si Modules	ITI205PF48, (205Wp)	ITI325PF72 ITI205PF48	16.47 15.32	48 (Full Cell)	1500	27.09.2022	26.09.2024
					iii	Multi C-Si Modules	ITI155PF36, (155Wp)	ITI155PF36	15.61	36 (Full Cell)	1500	27.09.2022	26.09.2024
					iv	Multi C-Si Modules	ITI125PC36, (125Wp)	ITI120PC36 ITI125PC36	17.64 18.37	36 (Cut Cell)	1000	27.09.2022	26.09.2024
					v	Multi C-Si Modules	ITI100PC36, (100Wp)	ITI100PC36	14.7	36 (Cut Cell)	1000	27.09.2022	26.09.2024
					vi	Multi C-Si Modules	ITI080PC36, (80Wp)	ITI080PC36	15.27	37 (Cut Cell)	1000	27.09.2022	26.09.2024
					vii	Multi C-Si Modules	ITI075PC36, (75Wp)	ITI075PC36	14.71	36 (Cut Cell)	1000	27.09.2022	26.09.2024
					viii	Multi C-Si Modules	ITI060PC36, (60Wp)	ITI060PC36	13.95	36 (Cut Cell)	1000	27.09.2022	26.09.2024
					ix	Multi C-Si Modules	ITI050PC36, (50Wp)	ITI050PC36	13.51	36 (Cut Cell)	1000	27.09.2022	26.09.2024
					x	Multi C-Si Modules	ITI040PC36, (40Wp)	ITI040PC36	13.78	36 (Cut Cell)	1000	27.09.2022	26.09.2024
32	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	2209	i	Mono C-Si PERC Modules	GS10-M144-WF-540, (540Wp)	GS10-M144-WF-540 GS10-B144-TF-525	21.11 20.33	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
					ii	Mono C-Si PERC Bifacial Modules	GS10-B144-TF-535, (535Wp)	GS10-B144-TF-530 GS10-B144-TF-535 GS10-B144-TF-540	20.53 20.73 20.92	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
					iii	Mono C-Si PERC Modules	GS10-B144-WF-530, (530Wp)	GS10-B144-WF-525 GS10-B144-WF-530 GS10-B144-WF-535	20.33 20.53 20.72	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
					iv	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-535, (535Wp)	GS10-B144-GF-525 GS10-B144-GF-530 GS10-B144-GF-535 GS10-B144-GF-540	20.34 20.53 20.73 20.92	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
					v	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-500 GS10-M144-WF-505 GS10-M144-WF-510 GS10-M144-WF-515 GS10-M144-WF-520 GS10-M144-WF-525 GS10-M144-WF-530 GS10-M144-WF-535 GS10-M144-WF-545 GS10-M144-WF-550	19.36 19.56 19.75 19.94 20.13 20.33 20.53 20.73 21.11 21.3	144 Half Cut Cells	1500	27.09.2022	26.09.2024
					vi	Bifacial Mono c-Si PERC Modules	GS10-B144-TF-545, (545Wp)	GS10-B144-TF-545 GS10-B144-TF-550	21.1 21.3	144 Half Cut Cells	1500	27.09.2022	26.09.2024
					vii	Bifacial Mono c-Si PERC Modules	GS10-B144-GF-545, (545Wp)	GS10-B144-GF-545 GS10-B144-GF-550	21.1 21.3	144 Half Cut Cells	1500	27.09.2022	26.09.2024
					viii	Mono c-Si PERC Modules	GS10-M132-WF-500, (500Wp)	GS10-M132-WF-500 GS10-M132-WF-505	21.06 21.28	132 Half Cut Cells	1500	27.09.2022	26.09.2024
33	M/s. SunField Energy Private Ltd	B-3, IDA Kukatpally, Gandhinagar, Medchal- Malkajgiri, Telengana - 500037, India	R-63002062	29	i	Multi- C-Si Modules	SEPL24335, (335Wp)	SEPL24335 SEPL24330 SEPL24325 SEPL24320	17.3 17 16.8 16.5	72 Full Cells	1500	27.09.2022	26.09.2024
					ii	Multi- C-Si Modules	SEPL24315, (315Wp)	SEPL24315 SEPL24310 SEPL24305 SEPL24302	16.03 16 15.7 15.6	72 Full Cells	1500	27.09.2022	26.09.2024
					iii	Multi- C-Si Modules	SEPL20270F, (270Wp)	SEPL20280F SEPL20275F SEPL20270F SEPL20265F SEPL20260F	17.2 16.9 16.6 16.3 16	60 Full Cells	1500	27.09.2022	26.09.2024
					iv	Multi- C-Si Modules	SEPL20250F, (250Wp)	SEPL20255F SEPL20250F SEPL20245F SEPL20240F	15.6 15.3 15.1 14.7	60 Full Cells	1500	27.09.2022	26.09.2024
					v	Multi- C-Si Modules	SEPL18245F, (245Wp)	SEPL18255F SEPL18250F SEPL18245F SEPL18240F SEPL18235F SEPL18230F	15.2 15.2 14.9 14.6 14.29 13.99	54 Full Cells	1000	27.09.2022	26.09.2024
					vi	Multi- C-Si Modules	SEPL18225F, (225p)	SEPL18225F SEPL18220F SEPL18215F	13.68 13.38 13.07	54 Full Cells	1000	27.09.2022	26.09.2024
					vii	Multi- C-Si Modules	SEPL12165F, (165Wp)	SEPL12170F SEPL12165F SEPL12160F	17.02 16.52 16.02	36 Full Cells	1000	27.09.2022	26.09.2024
					viii	Multi- C-Si Modules	SEPL12150F, (150Wp)	SEPL12155F SEPL12150F SEPL12145F SEPL24300	15.52 15.02 14.52 15.3	36 Full Cells	1000	27.09.2022	26.09.2024

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	Multi- C-Si Modules	SEPL24290, (290Wp)	SEPL24295	15	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24290	14.7				
								SEPL24285	14.5				
								SEPL24280	14.2				
					x	Multi- C-Si Modules	SEPL24265, (265Wp)	SEPL24275	14	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24270	13.7				
								SEPL24265	13.5				
								SEPL24260	13.2				
					xi	Multi- C-Si Modules	SEPL24240, (240Wp)	SEPL24255	13.1	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24250	15.2				
								SEPL24245	14.9				
								SEPL24240	14.6				
					xii	Multi- C-Si Modules	SEPL24215, (215Wp)	SEPL24235	14.29	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24230	13.99				
								SEPL24225	13.68				
								SEPL24220	15.76				
					xiii	Multi- C-Si Modules	SEPL24195, (195Wp)	SEPL24210	15.04	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24205	14.68				
								SEPL24200	14.32				
								SEPL24195	13.97				
					xiv	Multi- C-Si Modules	SEPL24180, (180Wp)	SEPL24190	13.61	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24185	13.25				
								SEPL24180	15.03				
								SEPL24175	14.61				
					xv	Multi- C-Si Modules	SEPL24165, (165Wp)	SEPL24170	14.19	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL24165	13.78				
								SEPL24160	13.36				
								SEPL24155	12.95				
					xvi	Multi- C-Si Modules	SEPL24150, (150Wp)	SEPL24150	12.53	72 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL20250	15.3				
								SEPL20245	15				
								SEPL20240	14.7				
					xvii	Multi- C-Si Modules	SEPL20240, (240Wp)	SEPL20235	14.4	60 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL20230	14.1				
								SEPL20225	13.8				
								SEPL20220	13.5				
					xviii	Multi- C-Si Modules	SEPL20215, (215Wp)	SEPL20215	13.2	60 Cut Cells	1000	27.09.2022	26.09.2024
								SEPL20210	12.9				
								SEPL20205	12.6				
								SEPL20200	12.3				
xix	Multi- C-Si Modules	SEPL20195, (195Wp)	SEPL20195	12	60 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL20190	11.6									
			SEPL12150	15.38									
			SEPL12145	14.87									
xx	Multi- C-Si Modules	SEPL12145, (145Wp)	SEPL12140	14.46	36 Cut Cells	600	27.09.2022	26.09.2024					
			SEPL12135	13.84									
			SEPL12130	13.33									
			SEPL12125	14.86									
xxi	Multi- C-Si Modules	SEPL12130, (130Wp)	SEPL12120	14.27	36 Cut Cells	600	27.09.2022	26.09.2024					
			SEPL12115	13.67									
			SEPL12110	13.08									
			SEPL12105	12.48									
xxii	Multi- C-Si Modules	SEPL12115, (115Wp)	SEPL12100	14.85	36 Cut Cells	600	27.09.2022	26.09.2024					
			SEPL12095	14.1									
			SEPL12090	13.36									
			SEPL12085	12.63									
xxiii	Multi- C-Si Modules	SEPL12100, (100Wp)	SEPL12080	14.83	36 Cut Cells	600	27.09.2022	26.09.2024					
			SEPL12075	13.9									
			SEPL12070	12.97									
			SEPL12065	12.05									
xxiv	Multi- C-Si Modules	SEPL12095, (95Wp)	SEPL12060	11.12	36 Cut Cells	600	27.09.2022	26.09.2024					
			SEPL12055	10.19									
			SEPL12050	12.33									
			SEPL12045	11.1									
xxv	Multi- C-Si Modules	SEPL12090, (90Wp)	SEPL12040	9.86	36 Cut Cells	600	27.09.2022	26.09.2024					
			SEPL12035	8.63									
			SEPL12030	8.91									
			SEPL1224	8.73									
xxvi	Multi- C-Si Modules	SEPL12080, (80Wp)	SASA310P72	15.97	36 Cut Cells	600	27.09.2022	26.09.2024					
			SASA315P72	16.23									
			SASA320P72	16.49									
xxvii	Multi- C-Si Modules	SEPL12075, (75Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxviii	Multi- C-Si Modules	SEPL12070, (70Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxix	Multi- C-Si Modules	SEPL12065, (65Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxx	Multi- C-Si Modules	SEPL12060, (60Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxi	Multi- C-Si Modules	SEPL12055, (55Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxii	Multi- C-Si Modules	SEPL12050, (50Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxiii	Multi- C-Si Modules	SEPL12045, (45Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxiv	Multi- C-Si Modules	SEPL12040, (40Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxv	Multi- C-Si Modules	SEPL12035, (35Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxvi	Multi- C-Si Modules	SEPL12030, (30Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
xxxvii	Multi- C-Si Modules	SEPL1224, (24Wp)			36 Cut Cells	600	27.09.2022	26.09.2024					
34	M/s. SASA Energy LLP	Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India	R-72005681	91				SASA310P72	15.97				
								SASA315P72	16.23				
								SASA320P72	16.49				

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)							
					i	Multi C-Si Modules	SASA325P72, (325Wp)	SASA325P72	16.75	72 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA330P72	17.01											
								SASA335P72	17.26											
								SASA340P72	17.52											
					ii	Multi C-Si Modules	SASA300P66, (300Wp)	SASA285P66	15.67	66 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA290P66	15.94											
								SASA295P66	16.22											
								SASA300P66	16.49											
								SASA305P66	16.77											
								SASA310P66	17.04											
								SASA255P60	15.37											
								SASA260P60	15.67											
					iii	Multi C-Si Modules	SASA265P60, (265Wp)	SASA265P60	15.97	60 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA270P60	16.27											
								SASA275P60	16.57											
								SASA230P54	15.34											
					iv	Multi C-Si Modules	SASA240P54, (240Wp)	SASA235P54	15.67	54 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA240P54	16.01											
								SASA245P54	16.34											
								SASA250P54	16.67											
					v	Multi C-Si Modules	SASA210P48, (210Wp)	SASA200P48	14.93	48 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA205P48	15.3											
								SASA210P48	15.68											
								SASA215P48	16.05											
					vi	Mono C-Si PERC Modules	SASA385M72, (385Wp)	SASA220P48	16.42	72 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA370M72	18.61											
								SASA375M72	18.86											
								SASA380M72	19.11											
								SASA385M72	19.37											
								SASA390M72	19.62											
					vii	Mono C-Si PERC Modules	SASA345M66, (345Wp)	SASA395M72	19.87	66 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA400M72	20.17											
								SASA330M66	18.1											
								SASA335M66	18.38											
								SASA340M66	18.65											
								SASA345M66	18.93											
								SASA350M66	19.2											
								SASA355M66	19.48											
					viii	Mono C-Si PERC Modules	SASA315M60 (315Wp)	SASA360M66	19.75	60 (Full Cells)	1500	27.09.2022	26.09.2024							
								SASA300M60	18.04											
								SASA305M60	18.34											
								SASA310M60	18.64											
								SASA315M60	18.95											
								SASA320M60	19.25											
								SASA325M60	19.55											
								SASA330M60	19.85											
								SASA285M54	18.97											
								ix	Mono C-Si PERC Modules					SASA295M54, (295Wp)	SASA290M54	19.3	54 (Full Cells)	1500	27.09.2022	26.09.2024
					SASA295M54	19.63														
					SASA300M54	19.97														
x	Mono C-Si PERC Modules	SASA255M48, (255Wp)	SASA305M54	20.34	48 (Full Cells)	1500	27.09.2022	26.09.2024												
			SASA245M48	18.25																
			SASA250M48	18.62																
			SASA255M48	19																
			SASA260M48	19.37																
			SASA265M48	19.74																
xi	Mono C-Si PERC Modules	SASA24MPC390, (390Wp)	SASA24MPC375	18.68	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024												
			SASA24MPC380	18.92																
			SASA24MPC385	19.17																
			SASA24MPC390	19.42																
			SASA24MPC395	19.67																
			SASA24MPC400	19.7																
			SASA24MPC405	20.2																
			35	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)	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																			

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)
								SEPL72F385M	19.38				
								SEPL72F390M	19.63				
					ii	Mono C-Si PERC Modules	SEPL66F340M, (340Wp)	SEPL66F325M	17.86	66 (Full Cells)	1500	27.09.2022	26.09.2024
				SEPL66F330M				18.12					
				SEPL66F335M				18.41					
				SEPL66F340M				18.67					
				SEPL66F345M				18.95					
				SEPL66F350M				19.22					
							SEPL66F355M	19.49					
					iii	Mono C-Si PERC Modules	SEPL60F310M, (310Wp)	SEPL60F305M	17.75	60 (Full Cells)	1500	27.09.2022	26.09.2024
				SEPL60F300M				18.05					
				SEPL60F305M				18.36					
				SEPL60F310M				18.67					
				SEPL60F315M				18.98					
				SEPL60F320M				19.26					
							SEPL54F275M	18.34	54 (Full Cells)	1500	27.09.2022	26.09.2024	
				SEPL54F280M	18.67								
				SEPL54F285M	18.99								
				SEPL54F290M	19.33								
				SEPL48F240M	17.93								
				SEPL48F245M	18.29								
							SEPL48F250M	18.67	48 (Full Cells)	1500	27.09.2022	26.09.2024	
							SEPL48F255M	19.01					
							SEPL48F260M	19.39					
							SEPL144C360M	17.93					
							SEPL144C365M	18.18					
							SEPL144C370M	18.43					
					vi	Mono C-Si PERC Modules	SEPL144C375M, (375Wp)	SEPL144C375M	18.68	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
				SEPL144C380M				18.93					
				SEPL144C385M				19.18					
				SEPL144C385M				19.18					
				SEPL144C390M				19.44					
				SEPL36F155P				15.77					
							SEPL36F160P	16.25	36 (Full Cells)	1500	27.09.2022	26.09.2024	
							SEPL36F165P	16.74					
							SEPL48F200P	14.91					
							SEPL48F205P	15.27					
							SEPL48F210P	15.66					
							SEPL48F215P	16.04					
					viii	Multi C-Si Modules	SEPL48F210P, (210Wp)	SEPL48F220P	16.41	48 (Full Cells)	1500	27.09.2022	26.09.2024
				SEPL48F225P				16.48					
				SEPL48F230P				17.23					
				SEPL54F225P				14.99					
				SEPL54F230P				15.32					
				SEPL54F235P				15.65					
							SEPL54F240P	15.99	54 (Full Cells)	1500	27.09.2022	26.09.2024	
							SEPL54F245P	16.67					
							SEPL60F255P	15.43					
							SEPL60F260P	15.72					
							SEPL60F265P	16.01					
							SEPL60F270P	16.33					
							SEPL60F275P	16.54	60 (Full Cells)	1500	27.09.2022	26.09.2024	
							SEPL66F280P	15.41					
							SEPL66F285P	15.64					
							SEPL66F290P	15.92					
							SEPL66F295P	16.2					
							SEPL66F300P	16.48					
					xii	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL72F300P	15.12	72 (Full Cells)	1500	27.09.2022	26.09.2024
				SEPL72F305P				15.36					
				SEPL72F315P				15.6					
				SEPL72F320P				15.89					
				SEPL72F325P				16.19					
				SEPL72F330P				16.4					
							SEPL72C285P	14.37	72 (Full Cells)	1500	27.09.2022	26.09.2024	
							SEPL72C290P	14.61					
							SEPL72C295P	14.87					
							SEPL72F335P	16.91					
							SEPL72F340P	17.12					
					xv	Mono-PERC C-Si Module	SFPI 72F400M (400Wp)	SFPI 72F400M					20.16

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	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	ASPD-75 (75 Wp)	ASPD-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
41	M/s. Aatmanirbhar Solar Pvt. Ltd.	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	100	i	Mono C-Si PERC Modules	ASPL380MP72 (380 Wp)	ASPL365MP72 ASPL370MP72 ASPL375MP72 ASPL380MP72 ASPL385MP72 ASPL390MP72 ASPL395MP72 ASPL305P72 ASPL310P72 ASPL315P72 ASPL320P72 ASPL325P72 ASPL330P72 ASPL335P72	18.39 18.64 18.89 19.14 19.4 19.65 19.9 15.72 15.98 16.23 16.49 16.75 17.01 17.26	72 FULL CELL	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL320P72 ASPL325P72 ASPL330P72 ASPL335P72	16.23 16.49 16.75 17.01	72 FULL CELL	1500	25.01.2023	24.01.2025
42	M/s. Aameya 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 ASSPL-20250	16.2 15.19	36 (Full Cells)	1000	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20260 ASSPL-20270 ASSPL-24300	15.8 16.4 15.32	60 (Full Cells)	1500	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24310 ASSPL-24320 ASSPL-24330	15.83 16.34 16.85	72 (Full Cells)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24340 ASSPL-24350	17.36 18.87	72 (Full Cells)	1500	25.01.2023	24.01.2025
43	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/O, Dhoop Building, Volvoi Road, Culti, Ponda, South Goa - 403401, India	R-71013536	143	i	Mono C-Si PERC Modules	DHOOP PM72 330Wp	DHOOP PM72 330Wp DHOOP PM72 335Wp DHOOP PM72 340Wp DHOOP PM72 345Wp DHOOP PM72 350Wp DHOOP PM72 355Wp DHOOP PM72 360Wp	17 17.26 17.52 17.78 18.03 18.3 18.55	72 (Full Cells)	1500	25.01.2023	24.01.2025
					ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 370Wp DHOOP PM72 375Wp DHOOP PM72 380Wp DHOOP PM72 385Wp DHOOP PM72 390Wp DHOOP PM72 395Wp DHOOP PM72 400Wp DHOOP PP48 200Wp DHOOP PP48 205Wp DHOOP PP48 210Wp DHOOP PP48 215Wp DHOOP PP48 220Wp DHOOP PP48 225Wp DHOOP PP48 230Wp	19.01 19.26 19.52 19.78 20.04 20.29 20.55 15.2 15.64 15.89 16.27 16.64 17.02 17.4	72 (Full Cells)	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PP48 210Wp DHOOP PP48 215Wp DHOOP PP48 220Wp DHOOP PP48 225Wp	15.89 16.27 16.64 17.02	48 (Full Cells)	1500	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	DHOOP PP48 225 (225Wp)	DHOOP PP48 225Wp DHOOP PP48 230Wp	17.02 17.4	48 (Full 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)
					v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP48 235Wp DHOOP PP60 250Wp DHOOP PP60 255Wp DHOOP PP60 260Wp DHOOP PP60 265Wp DHOOP PP60 270Wp	17.78 15.16 15.46 15.76 16.07 16.37	60 (Full Cells)	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 275Wp DHOOP PP60 280Wp DHOOP PP72 300Wp	13.84 16.67 17.08 15.41	60 (Full Cells)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	DHOOP PP72 315 (315Wp)	DHOOP PP72 305Wp DHOOP PP72 310Wp DHOOP PP72 315Wp DHOOP PP72 320Wp DHOOP PP72 325Wp DHOOP PP72 330Wp	15.67 15.92 16.18 16.44 16.69 16.95	72 (Full Cells)	1500	25.01.2023	24.01.2025
					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 DHF-72HG-500 DHF-72HG-505 DHF-72HG-510 DHF-72HG-515 DHF-72HG-520 DHF-72HG-525 DHF-72HG-530 DHF-72HG-535	19.11 19.30 19.50 19.69 19.88 20.08 20.27 20.46 20.66	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xx	Bifacial Mono c-Si PERC Module	DHF-72HG-545 (545 Wp)	DHF-72HG-540 DHF-72HG-545 DHF-72HG-550	20.85 21.04 21.24	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxi	Bifacial Mono c-Si PERC Module	DHF-66HG-470 (470 Wp)	DHF-66HG-455 DHF-66HG-460 DHF-66HG-465 DHF-66HG-470 DHF-66HG-475 DHF-66HG-480 DHF-66HG-485	19.12 19.33 19.54 19.75 19.96 20.17 20.38	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxii	Bifacial Mono c-Si PERC Module	DHF-66HG-495 (495 Wp)	DHF-66HG-490 DHF-66HG-495 DHF-66HG-500 DHF-66HG-505	20.59 20.80 21.01 21.22	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxiii	Bifacial Mono c-Si PERC Module	DHF-54HG-380 (380 Wp)	DHF-54HG-375 DHF-54HG-380 DHF-54HG-385 DHF-54HG-390 DHF-54HG-395	19.13 19.38 19.64 19.89 20.15	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxiv	Bifacial Mono c-Si PERC Module	DHF-54HG-405 (405 Wp)	DHF-54HG-400 DHF-54HG-405 DHF-54HG-410	20.40 20.66 20.91	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxv	Bifacial Mono c-Si PERC Module	DHF-60HG-575 (575 Wp)	DHF-60HG-600 DHF-60HG-595 DHF-60HG-590 DHF-60HG-585 DHF-60HG-580 DHF-60HG-575 DHF-60HG-570 DHF-60HG-565 DHF-60HG-560 DHF-60HG-555 DHF-60HG-550 DHF-54HG-540	20.75 20.58 20.40 20.23 20.06 19.88 19.71 19.54 19.37 19.19 19.20 20.78	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvi	Bifacial Mono c-Si PERC Module	DHF-54HG-515 (515 Wp)	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 DHF-54HG-500 19.24 DHF-54HG-495 19.05		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxvii	Bifacial Mono c-Si PERC Module	DHF-48HG-460 (460 Wp)	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 DHF-48HG-450 19.40 DHF-48HG-445 19.18		96 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxviii	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-550 21.24 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		144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxix	Mono c-Si PERC Module	DHF-72H-500 (500 Wp)	DHF-72H-500 19.30 DHF-72H-495 19.11		144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxx	Mono c-Si PERC Module	DHF-66H-490 (490 Wp)	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		132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxi	Mono c-Si PERC Module	DHF-66H-460 (4600 Wp)	DHF-66H-465 19.54 DHF-66H-460 19.33 DHF-66H-455 19.12		132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxii	Mono c-Si PERC Module	DHF-54H-400 (400 Wp)	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		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxiii	Mono c-Si PERC Module	DHF-54H-380 (380 Wp)	DHF-54H-380 19.38 DHF-54H-375 19.13		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxiv	Mono c-Si PERC Module	DHF-60H-575 (575 Wp)	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		120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxv	Mono c-Si PERC Module	DHF-54H-515 (515 Wp)	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		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-48H-480 20.69 DHF-48H-475 20.48 DHF-48H-470 20.26					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)		
					xxxvi	Mono c-Si PERC Module	DHF-48H-460 (460 Wp)	DHF-48H-465 DHF-48H-460 DHF-48H-455 DHF-48H-450 DHF-48H-445	20.05 19.83 19.62 19.40 19.18	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025		
44	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)	SS72F315P	16.23	72 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS72F320P	16.49						
								SS72F325P	16.75						
								SS72F330P	17.01						
					ii	Multi C-Si Modules	SS66F290P (290 Wp)	SS66F280P	15.67	66 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS66F285P	15.95						
								SS66F290P	16.23						
								SS66F295P	16.51						
								SS66F300P	16.79						
					iii	Multi C-Si Modules	SS60F255P (255 Wp)	SS60F250P	15.4	60 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS60F255P	15.71						
								SS60F260P	16.01						
					iv	Multi C-Si Modules	SS60F265P (265 Wp)	SS60F265P	16.32	60 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS60F270P	16.63						
					v	Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS72F370M	18.62	72 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS72F375M	18.87						
								SS72F380M	19.12						
								SS72F385M	19.38						
					vi	Mono C-Si PERC Modules	SS66F340M (340 Wp)	SS72F390M	19.63	66 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS66F325M	17.86						
								SS66F330M	18.12						
								SS66F335M	18.41						
								SS66F340M	18.67						
								SS66F345M	18.95						
					vii	Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS66F350M	19.22	60 (Full Cell)	1500	25.01.2023	24.01.2025		
								SS66F355M	19.49						
								SS60F295M	17.75						
								SS60F300M	18.05						
								SS60F305M	18.36						
								SS60F310M	18.67						
								SS60F315M	18.98						
								SS60F320M	19.26						
					viii	Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS60F325M	19.59	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025		
								SS144C375M	18.67						
								SS144C380M	18.92						
								SS144C385M	19.17						
					ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS144C390M	19.42	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025		
								SS132C480M	20.21						
								SS132C485M	20.45						
								SS132C490M	20.64						
								SS132C495M	20.85						
					x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS132C500M	21.06	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025		
								SS144C505M	19.55						
								SS144C510M	19.75						
SS144C515M	19.94														
SS144C520M	20.13														
SS144C525M	20.32														
SS144C530M	20.52														
xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C535M	20.71				144 (Half Cut Cell)	1500					25.01.2023	24.01.2025
			SS144C535M	20.71											
			SS144C540M	20.9											
			SS144C545M	21.1											
			SS144C550M	21.29											
			SS144C555M	21.48											
			SS144C560M	21.68											
			xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C565M	20.21			156 (Half Cut Cell)	1500	25.01.2023	24.01.2025		
						SS156C570M	20.39								
						SS156C575M	20.57								
SS156C580M	20.75														
SS156C585M	20.93														
45	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	R-72005550	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						
								SUN36P150	14.91						
					ii	Multi C-Si Modules	SUN36P100 (100 Wp)	SUN36P150	15.41	36 (Cut Cell)	600	25.01.2023	24.01.2025		
								SUN36P155	15.41						
								SUN36P160	15.94						
					iii	Multi C-Si Modules	SUN36P150 (150 Wp)	SUN36P165	16.41	36 (Full Cell)	1000	25.01.2023	24.01.2025		
								SUN36P160	15.94						
								SUN36P165	16.41						
					iv	Multi C-Si Modules	SUN36P160 (160Wp)	SUN48P205	15.23	48 (Full Cell)	1000	25.01.2023	24.01.2025		
SUN48P210	15.6														
SUN36P160	15.94														
SUN36P165	16.41														
v	Multi C-Si Modules	SUN48P210 (210 Wp)	SUN48P205	15.23	48 (Full Cell)	1000	25.01.2023	24.01.2025							
			SUN48P210	15.6											

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	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN48P220 SUN60P260 SUN60P265 SUN60P270 SUN60P275	16.34 15.61 15.91 16.21 16.51	60 (Full Cell)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	SUN72P325 (325 Wp)	SUN72P310 SUN72P315 SUN72P320 SUN72P325 SUN72P330 SUN72P333 SUN72P335	15.56 15.88 16.13 16.39 16.64 16.79 16.9	72 (Full Cell)	1500	25.01.2023	24.01.2025
					viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P550 SUN144P545 SUN144P540 SUN144P535 SUN144P530 SUN144P525 SUN144P520	21.34 21.14 20.95 20.76 20.56 20.37 20.18	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P465 SUN120P460 SUN120P455 SUN120P450 SUN120P445 SUN120P440 SUN120P435	21.45 21.23 21.01 20.79 20.55 20.30 20.07	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					x	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN108P420 SUN108P415 SUN108P410 SUN108P405 SUN108P400	21.43 21.16 20.90 20.65 20.39	108 (Half Cut Cell)	1500	25.01.2023	24.01.2025
46	M/s. Ankur Traders & Engineers Private Limited	D-130, B.S. Road, Industrial Area, Ghaziabad-201009, Uttar Pradesh	R-93009695	45	i	Mono PERC C-Si Module	ASM585 (585 Wp)	ASM560 ASM565 ASM570 ASM575 ASM580 ASM585	20.03 20.21 20.39 20.57 20.75 20.93	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					ii	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM505 ASM510 ASM515 ASM520 ASM525 ASM530 ASM535 ASM540 ASM545 ASM550	19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.9 21.09 21.29	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					iii	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM500 ASN495 ASN490 ASN485 ASN480 ASN475 ASN470 ASN465 ASN460 ASN450	21.07 20.85 20.64 20.43 20.22 20.01 19.8 19.59 19.38 20.79	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					iv	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM445 ASM440 ASM435 ASM430 ASM425 ASM420 ASM415 ASM410 ASM250	20.57 20.33 20.1 19.87 19.64 19.41 19.18 18.94 18.87	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					v	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM255 ASM260 ASM265 ASM270 ASM125	19.25 19.62 20 20.38 18.39	72 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					vi	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM130	19.12	36 (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)
					vii	Multi C-Si Module	AS330WP (330Wp)	ASM135 AS325WP AS330WP AS335WP AS340WP AS345WP	19.86 16.62 16.87 17.13 17.38 17.64	72 (Full Cell)	1500	25.01.2023	24.01.2025
47	M/s. Bharat Heavy Electricals. Ltd	P.B No-1245, Malleshwaram West, Bangalore-560012, Karnataka	R-62001350	214	i	Multi C-Si Modules	L20265P-265W (265 Wp)	L20265P-255W L20265P-260W L20265P-265W L20265P-270W L20265P-275W	15.46 15.76 16.07 16.37 16.67	60 (Full Cells)	1000	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	L24315P-315W (315 Wp)	L24315P-300W L24315P-305W L24315P-310W L24315P-315W L24315P-320W L24315P-325W L24315P-330W	15.4 15.7 15.9 16.2 16.5 16.7 17	72 (Full Cells)	1000	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	PSAAA1B-260W (260 Wp)	PSAAA1B-250W PSAAA1B-255W PSAAA1B-260W PSAAA1B-265W PSAAA1B-270W	15.4 15.71 16.02 16.33 16.64	60 (Full Cells)	1500	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	PSAAB1B-315W (315 Wp)	PSAAB1B-300W PSAAB1B-305W PSAAB1B-310W PSAAB1B-315W PSAAB1B-320W PSAAB1B-325W	15.48 15.73 15.99 16.25 16.51 16.77	72 (Full Cells)	1500	25.01.2023	24.01.2025
					v	Mono PERC C-Si Modules	MSABB1B-385W (385 Wp)	MSABB1B-370W MSABB1B-375W MSABB1B-380W MSABB1B-385W MSABB1B-390W MSABB1B-395W MSABB1B-400W	18.5 18.75 19 19.25 19.5 19.75 20	72 (Full Cells)	1500	25.01.2023	24.01.2025
48	M/s. Credence Solar Panels Private Limited	Plot No. 18&19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	R-72006165	125	i	Mono PERC C-Si Module	CS-QU650-132 (650 Wp)	CS-QU670-132 CS-QU665-132 CS-QU660-132 CS-QU655-132 CS-QU650-132 CS-QU645-132 CS-QU640-132 CS-QU635-132 CS-QU630-132 CS-QU625-132 CS-QU620-132	21.60 21.50 21.30 21.10 20.44 20.28 20.13 19.97 19.81 19.66 19.5	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					ii	Mono PERC C-Si Module	CS-QU575-120 (575 Wp)	CS-QU590-120 CS-QU585-120 CS-QU580-120 CS-QU575-120 CS-QU570-120 CS-QU565-120 CS-QU560-120 CS-QU555-120 CS-QU550-120	20.76 20.58 20.41 20.23 20.05 19.88 19.7 19.53 19.35	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					iii	Mono PERC C-Si Module	CS-QU525-110 (525 Wp)	CS-QU540-110 CS-QU535-110 CS-QU530-110 CS-QU525-110 CS-QU520-110 CS-QU515-110 CS-QU510-110 CS-QU505-110 CS-QU500-110	20.67 20.48 20.28 20.09 19.9 19.71 19.52 19.33 19.14	110 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					iv	Mono PERC Bifacial C-Si Module	CS-QB650-132 (650 Wp)	CS-QB650-132 CS-QB645-132 CS-QB640-132 CS-QB635-132 CS-QB630-132 CS-QB625-132 CS-QB620-132	20.47 20.31 20.15 19.99 19.84 19.68 19.52	132 (Half Cut 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)				
					v	Mono PERC Bifacial C-Si Module	CS-QB575-120 (575 Wp)	CS-QB590-120	20.77	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
								CS-QB585-120	20.6								
								CS-QB580-120	20.42								
								CS-QB575-120	20.25								
								CS-QB570-120	20.07								
								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	110 (Half Cut Cell)	1500	25.01.2023	24.01.2025							
					CS-QB520-110	19.9											
					CS-QB515-110	19.71											
					CS-QB510-110	19.52											
					CS-QB505-110	19.33											
					CS-QB500-110	19.14											
					CS-HN550-144	20.95					144 (Half Cut Cell)	1500	25.01.2023	24.01.2025			
					CS-HN545-144	20.76											
					CS-HN540-144	20.57											
					CS-HN535-144	20.38											
					CS-HN530-144	20.19											
					CS-HN525-144	20											
					CS-HN520-144	19.81											
					CS-HN515-144	19.62											
					CS-HN510-144	19.43											
					CS-HN505-144	19.24											
					CS-HN500-144	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								
								SGM-400	20.61		72 (Full Cell)	1500	25.01.2023	24.01.2025			
								SGM-395	20.36								
								SGM-390	20.01								
								SGM-385	19.84								
SGM-380	19.58																
SGM-375	19.33																
SGM-345	19.3																
SGM-340	19.02																
SGM-330	20.33	66 (Full Cell)	1500	25.01.2023	24.01.2025												
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	17.01	72 (Full Cell)	1500	25.01.2023	24.01.2025									
			SG-325	16.75													
			SG-320	16.49													
			SG-315	16.23													
			SG-310	15.98													
			SG-300	15.46													
SG-300Z	16.78	66 (Full Cell)	1500	25.01.2023	24.01.2025												
SG-250	15.4	60 (Full Cell)	1500	25.01.2023	24.01.2025												
SG-200	15.2	48 (Full Cell)	1500	25.01.2023	24.01.2025												
SG-200Z	16.89	42 (Full Cell)	1500	25.01.2023	24.01.2025												
SG-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025												
1	N-Type TOPCon Module	SGTP144-550 (550Wp)	SGTP144-525	20.32	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025									
			SGTP144-530	20.52													
			SGTP144-535	20.71													
			SGTP144-540	20.90													
			SGTP144-545	21.09													
			SGTP144-550	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)			
								SGTP144-555	21.48							
								SGTP144-560	21.68							
								SGTP144-565	21.87							
								SGTP144-570	22.06							
								SGTP144-575	22.26							
								2	N-Type TOPCon Module					SGTP132-495 (495Wp)	SGTP132-475	20.00
															SGTP132-480	20.21
															SGTP132-485	20.42
															SGTP132-490	20.63
															SGTP132-495	20.84
															SGTP132-500	21.06
															SGTP132-505	21.27
															SGTP132-510	21.48
															SGTP132-515	21.69
															SGTP120-425	19.63
								3	N-Type TOPCon Module					SGTP120-445 (445Wp)	SGTP120-430	19.86
															SGTP120-435	20.09
															SGTP120-440	20.32
															SGTP120-445	20.56
															SGTP120-450	20.79
															SGTP120-455	21.02
															SGTP120-460	21.25
															SGTP120-465	21.48
															SGTP108-385	19.71
															SGTP108-390	19.97
								4	N-Type TOPCon Module					SGTP108-400 (400Wp)	SGTP108-395	20.23
															SGTP108-400	20.48
															SGTP108-405	20.74
															SGTP108-410	20.99
															SGTP108-415	21.25
															SGTP108-420	21.50
															SGMJ144-520	20.13
															SGMJ144-525	20.32
															SGMJ144-530	20.52
															SGMJ144-535	20.71
								5	Mono c-Si PERC Module					SGMJ144-535 (535Wp)	SGMJ144-540	20.90
															SGMJ144-545	21.09
															SGMJ144-550	21.29
															SGMJ132-455	19.16
															SGMJ132-460	19.37
															SGMJ132-465	19.58
															SGMJ132-470	19.79
															SGMJ132-475	20.00
															SGMJ132-480	20.21
															SGMJ132-485	20.42
								7	Mono c-Si PERC Module					SGMJ132-480 (480Wp)	SGMJ132-490	20.63
															SGMJ132-495	20.84
															SGMJ132-500	21.06
SGMJ120-415	19.17															
SGMJ120-420	19.40															
SGMJ120-425	19.63															
SGMJ120-430	19.86															
SGMJ120-435	20.09															
SGMJ120-440	20.32															
SGMJ120-445	20.56															
9	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-450	20.79												
			SGMJ120-455	21.02												
			SGMJ108-375	19.20												
			SGMJ108-380	19.46												
			SGMJ108-385	19.71												
			SGMJ108-390	19.97												
			SGMJ108-395	20.23												
			H300P72	14.9												
			H305P72	15.14												
			H310P72	15.39												
50	M/s. H R Solar Solution Private Limited	Raghudebpur, NH-6, Panchia, Block-Uluberia-II, Uluberia, Howrah - 711322, West Bengal	R-51001686	136	i	Multi C-Si Modules	H315P72 (315 Wp)	H315P72	15.64	72 (Full Cell)	1500	25.01.2023	24.01.2025			
								H320P72	15.89							
ii	Multi C-Si Modules	H335P72 (335 Wp)	H325P72	16.14	72 (Full Cell)	1500	25.01.2023	24.01.2025								
			H330P72	16.39												
							H335P72	16.63								

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Multi C-Si Modules	H155P36 (155 Wp)	H150P36 H155P36 H160P36	14.76 15.26 15.75	36 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Mono c-Si PERC Module	H525M144 (525 Wp)	H500M144 H505M144 H510M144 H515M144 H520M144 H525M144 H530M144 H535M144 H540M144 H545M144	19.36 19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.9 21.1	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					v	Mono c-Si PERC Module	H400M72 (400 Wp)	H385M72 H390M72 H395M72 H400M72 H405M72 H410M72	19.11 19.36 19.61 19.86 20.11 20.36	72 (Full Cells)	1500	25.01.2023	24.01.2025
					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
					51	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	PS36CPD040Wp (40 Wp)	PS36CPD040Wp
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
xi	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD110Wp PS36CPD115Wp PS36CPD120Wp	16.42 14.43 15.05						36 (Cut Cells)	1000	25.01.2023	24.01.2025
52	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
					xi	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD110Wp PS36CPD115Wp PS36CPD120Wp	16.42 14.43 15.05	36 (Cut Cells)	1000	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)
					xii	Multi C-Si Modules	PS36CPD130Wp (130Wp)	PS36CPD125Wp PS36CPD130Wp	15.68 16.31	36 (Cut Cells)	1000	25.01.2023	24.01.2025
					xiii	Multi C-Si Modules	PS36CPD140Wp (140 Wp)	PS36CPD140Wp	13.75	36 (Cut Cells)	1000	25.01.2023	24.01.2025
					xiv	Multi C-Si Modules	PS36FP155Wp (155 Wp)	PS36FP150Wp	14.73	36 (Full Cells)	1000	25.01.2023	24.01.2025
								PS36FP155Wp	15.22				
								PS36FP160Wp	15.72				
					xv	Multi C-Si Modules	PS36FP165Wp (165Wp)	PS36FP165Wp	16.21	36 (Full Cells)	1000	25.01.2023	24.01.2025
					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				
					xvii	Multi C-Si Modules	PS60FPD260Wp (260 Wp)	PS60FPD250Wp	15.48	60 (Full Cells)	1500	25.01.2023	24.01.2025
								PS60FPD255Wp	15.79				
								PS60FPD260Wp	16.1				
								PS60FPD265Wp	16.41				
								PS60FPD270Wp	16.72				
					xviii	Multi C-Si Modules	PS60FP260Wp (260 Wp)	PS60FP250Wp	15.48	60 (Full Cells)	1500	25.01.2023	24.01.2025
								PS60FP255Wp	15.79				
								PS60FP260Wp	16.1				
								PS60FP265Wp	16.41				
								PS60FP270Wp	16.72				
					xix	Multi C-Si Modules	PS72FP320Wp (320 Wp)	PS72FP305Wp	15.44	72 (Full Cells)	1500	25.01.2023	24.01.2025
								PS72FP310Wp	15.7				
								PS72FP315Wp	15.95				
PS72FP320Wp	16.2												
PS72FP325Wp	16.46												
PS72FP330Wp	16.71												
PS72FP335Wp	16.96												
xx	Multi C-Si Modules	PS72FPD315Wp (315 Wp)	PS72FPD300Wp	15.19	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FPD305Wp	15.44									
			PS72FPD310Wp	15.7									
			PS72FPD315Wp	15.95									
			PS72FPD320Wp	15.2									
xxi	Mono C-Si Modules	PS72FMP360Wp (360Wp)	PS72FMP355Wp	17.97	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FMP360Wp	18.22									
			PS72FMP370Wp	18.73									
xxii	Mono C-Si Modules	PS72FMP390Wp (390 Wp)	PS72FMP380Wp	19.24	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FMP390Wp	19.75									
			PS72FMP395Wp	20									
			USEL365MP72	18.39									
			USEL370MP72	18.64									
53	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)	USEL375MP72	18.89	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL380MP72	19.14				
								USEL385MP72	19.4				
								USEL390MP72	19.65				
								USEL395MP72	19.9				
					ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL305P72	15.72	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL310P72	15.98				
								USEL315P72	16.23				
								USEL320P72	16.49				
								USEL325P72	16.75				
54	M/s. Fujiyama Power Systems Private Limited	Plot No. 51,52 Sector-Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh	R-93022209	95	i	Mono PERC C-Si Modules	UTL530-72M (530 Wp)	UTL540-72M	20.75	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL535-72M	20.55				
								UTL530-72M	20.35				
								UTL525-72M	20.15				
								UTL520-72M	20				
					ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	UTL540-144M	20.75	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
								UTL535-144M	20.55				
								UTL530-144M	20.35				
								UTL525-144M	20.15				
								UTL520-144M	20				
							UTL440-72M	20.2					

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)
					iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL435-72M UTL430-72M UTL425-72M	19.97 19.78 19.51	72 (Full Cell)	1500	27.02.2023	26.02.2025
					iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL440-144M UTL435-144M UTL430-144M UTL425-144M	20.2 19.97 19.78 19.51	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
					v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL400-72MI UTL395-72MI UTL385-72MI UTL380-72MI	20.06 19.8 19.3 19.05	72 (Full Cell)	1500	27.02.2023	26.02.2025
					vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL400-72M UTL395-72M UTL390-72M UTL385-72M UTL380-72M	20.06 19.8 19.55 19.3 19.05	72 (Full Cell)	1500	27.02.2023	26.02.2025
					vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL335-72PI UTL330-72PI	16.89 16.65	72 (Full Cell)	1500	27.02.2023	26.02.2025
					viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL335-72P UTL330-72P	17.26 17.01	72 (Full Cell)	1500	27.02.2023	26.02.2025
					ix	Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL275-60PI UTL270-60PI UTL265-60PI	16.9 16.6 16.3	60 (Full Cell)	1500	27.02.2023	26.02.2025
					x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL275-60P UTL270-60P UTL265-60P	16.9 16.6 16.3	60 (Full Cell)	1500	27.02.2023	26.02.2025
					xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL200-36MI UTL195-36MI UTL190-36MI	19.7 19.2 18.75	36 (Full Cell)	1500	27.02.2023	26.02.2025
					xii	Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL205-36M UTL200-36M UTL195-36M UTL190-36M	20.2 19.7 19.2 18.75	36 (Full Cell)	1500	27.02.2023	26.02.2025
					xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL165-36PI UTL160-36PI UTL155-36PI	16.7 16.15 15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025
					iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025
					v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL165-36P UTL160-36P UTL155-36P	16.7 16.15 15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025
					vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL150-36P	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025
					vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P UTL105-36P UTL100-36P	16.38 15.63 14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI UTL105-36PI UTL100-36PI	16.38 15.63 14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P	15.62	36 (Cut Cell)	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)	
					xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xvii	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xviii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL60-36PI	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xxix	Multi- C-Si Modules	UTL55-36PI (55 Wp)	UTL55-36PI	13.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xxx	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xxxi	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xxxii	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI	16.11	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
					xxxiii	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P	14.32	36 (Cut Cell)	1500	27.02.2023	26.02.2025	
55	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 GM390F72	18.55 18.81 19.07 19.33 19.58 19.84 20.1		72 (Full Cells)	1500	27.02.2023	26.02.2025
					ii	Multi C-Si Module	GI320F72 (320 Wp)	GI305F72 GI310F72 GI315F72 GI320F72 GI325F72 GI330F72 GI335F72	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
56	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	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10 SS 540-144R M10 SS 535-144R M10 SS 530-144R M10 SS 525-144R M10	21.12 20.92 20.73 20.54 20.34		144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 500-132R M10 SS 495-132R M10 SS 490-132R M10	21.06 20.85 20.64		132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
57	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonipat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP RSL72FM-380WP RSL72FM-370WP	19.6 19.4 19.2		72 (Full Cell)	1500	31.05.2023	30.05.2027
					ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL600M RSL595M RSL590M RSL585M RSL580M RSL575M	21.28 21.11 20.94 20.77 20.60 20.40		156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL570M RSL565M RSL560M RSL555M RSL550M RSL545M RSL540M RSL535M RSL530M RSL525M	22.07 21.87 21.68 21.49 21.30 21.10 20.91 20.72 20.51 20.33		144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL520M RSL515M RSL510M RSL505M RSL500M	21.70 21.48 21.28 21.06 20.86		120 (Half Cut Cell)	1500	31.05.2023	30.05.2027

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								RSL495M RSL490M RSL485M RSL480M RSL475M	20.65 20.44 20.23 20.03 19.81				
					v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL470M RSL465M	19.61 19.40	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL460M RSL455M RSL450M RSL445M RSL440M RSL435M RSL430M RSL425M RSL420M	21.04 20.82 20.59 20.35 20.13 19.89 19.68 19.44 19.22	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vii	Mono c-Si PERC Module	RSL380M (380 Wp)	RSL395M RSL390M RSL385M RSL380M RSL375M	20.03 19.76 19.51 19.26 19.01	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					viii	Mono c-Si PERC Module	RSL345M (345 Wp)	RSL360M RSL355M RSL350M RSL345M RSL340M RSL335M	20.48 20.20 19.92 19.63 19.35 19.07	96 (Half Cut Cell)	1500	31.05.2023	30.05.2027
58	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-Z , 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	627	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6540 SWM11BN6535 SWM11BN6530 SWM11BN6525 SWM11BN6520 SWM11BN6515 SWM11BN6510 SWM11BN6505 SWM11BN6500	20.77 20.57 20.38 20.19 20 19.81 19.62 19.42 19.23	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4495 SWM11BN4490 SWM11BN4485 SWM11BN4480 SWM11BN4475 SWM11BN4470 SWM11BN4465 SWM11BN4460 SWM11BN4455 SWM11BN4450	20.71 20.5 20.29 20.09 19.87 19.66 19.46 19.25 19.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN2450 SWM11BN2445 SWM11BN2440 SWM11BN2435 SWM11BN2430 SWM11BN2425 SWM11BN2420 SWM11BN2415	20.65 20.42 20.19 19.96 19.73 19.5 19.27 19.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN0405 SWM11BN0400 SWM11BN0395 SWM11BN0390 SWM11BN0385 SWM11BN0380 SWM11BN0375	20.57 20.32 20.06 19.81 19.55 19.3 19.05	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					v	Mono c-Si PERC Module	SWM11BB0385 (385 Wp)	SWM11BB0375 SWM11BB0380 SWM11BB0385 SWM11BB0390 SWM11BB0395 SWM11BB0400 SWM11BB0405 SWM11BB0410	19.20 19.46 19.71 19.97 20.22 20.48 20.74 20.99	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027

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)
					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					
				vii	Mono c-Si PERC Module	SWM11BB4470 (470 Wp)	SWM11BB4460	19.37	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BB4465	19.58					
							SWM11BB4470	19.79					
							SWM11BB4475	20.00					
							SWM11BB4480	20.21					
							SWM11BB4485	20.42					
							SWM11BB4490	20.63					
							SWM11BB4495	20.84					
							SWM11BB4500	21.06					
							SWM11BB6500	19.35					
				ix	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB6505	19.55	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BB6510	19.74					
							SWM11BB6515	19.94					
							SWM11BB6520	20.13					
							SWM11BB6525	20.32					
							SWM11BB6530	20.52					
							SWM11BB6535	20.71					
							SWM11BB6540	20.90					
							SWM11BB6545	21.10					
							SWM11BB6550	21.29					
				x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8540	19.32	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BB8545	19.50					
							SWM11BB8550	19.67					
							SWM11BB8555	19.85					
							SWM11BB8560	20.03					
							SWM11BB8565	20.21					
							SWM11BB8570	20.39					
							SWM11BB8575	20.57					
							SWM11BB8580	20.75					
							SWM11BB8585	20.93					
				xi	Mono c-Si PERC Module	SWM11BB8595 (595 Wp)	SWM11BB8590	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BB8595	21.28					
							SWM11BT0375	19.20					
				xii	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0380	19.46	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT0385	19.71					
							SWM11BT0390	19.97					
							SWM11BT0395	20.22					
							SWM11BT0400	20.48					
							SWM11BT0405	20.74					
							SWM11BT0410	20.99					
							SWM11BT2415	19.17					
				xiii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT2420	19.40	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT2425	19.63					
							SWM11BT2430	19.86					
							SWM11BT2435	20.10					
							SWM11BT2440	20.32					
							SWM11BT2445	20.56					
							SWM11BT2450	20.79					
							SWM11BT2455	21.02					
							SWM11BT4455	19.16					
							xiv	Bifacial Mono c-Si PERC Module					SWM11BT4470 (470 Wp)
				SWM11BT4465	19.58								
				SWM11BT4470	19.79								
				SWM11BT4475	20.00								
				SWM11BT4480	20.21								
				SWM11BT4485	20.42								

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 Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4490	20.63	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027		
								SWM11BT4495	20.84						
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT4500	21.06	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027		
								SWM11BT6500	19.35						
								SWM11BT6505	19.55						
								SWM11BT6510	19.74						
								SWM11BT6515	19.94						
								SWM11BT6520	20.13						
								SWM11BT6525	20.32						
								SWM11BT6530	20.52						
								SWM11BT6535	20.71						
								SWM11BT6540	20.90						
					xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT6545	21.10	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027		
								SWM11BT6550	21.29						
								SWM11BT8540	19.32						
								SWM11BT8545	19.50						
								SWM11BT8550	19.67						
								SWM11BT8555	19.85						
								SWM11BT8560	20.03						
								SWM11BT8565	20.21						
					xviii	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8570	20.39	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027		
								SWM11BT8575	20.57						
xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BT8580	20.75	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027							
			SWM11BT8585	20.93											
			SWM11BT8590	21.11											
			SWM11BT8595	21.28											
			SWM11BN6545	20.96											
			SWM11BN6550	21.15											
			SWM11BN8535	19.03											
			xx	Mono c-Si PERC Module					SWM11BN8560 (560 Wp)	SWM11BN8540	19.21	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
										SWM11BN8545	19.39				
										SWM11BN8550	19.57				
										SWM11BN8555	19.74				
										SWM11BN8560	19.92				
SWM11BN8565	20.10														
SWM11BN8570	20.28														
SWM11BN8575	20.46														
SWM11BN8580	20.63														
SWM11BN8585	20.81														
xxi	Mono c-Si PERC Module	SWM11BN8595 (595 Wp)	SWM11BN8590	20.99	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027							
			SWM11BN8595	21.17											
59	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)	SL72M6-380	19.15	72 (Full Cell)	1500	31.05.2023	30.05.2027		
								SL72M6-385	19.4						
								SL72M6-390	19.64						
								SL72M6-395	19.9						
								SL72M6-400	20.15						
								SL72M6-405	20.4						
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL144HC-505	19.54	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027		
								SL144HC-510	19.73						
								SL144HC-515	19.93						
								SL144HC-520	20.12						
								SL144HC-525	20.31						
								SL144HC-530	20.5						
								SL144HC-535	20.7						
								SL144HC-540	20.97						
60	M/s. Insolation Green Energy Pvt. Ltd	Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan	R-84003549	430	i	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	SL144HC-545	21.08	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
								SL144HC-550	21.28						
								SL144HC-555	21.47						
								INA-144MHC-WF-520	20.14						
								INA-144MHC-WF-525	20.33						
					ii	Bifacial Mono PERC c-Si	INA-144MHC-TF-530 (530Wp)	INA-144MHC-WF-530	20.53	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
								INA-144MHC-WF-535	20.72						
								INA-144MHC-WF-540	20.91						
								INA-144MHC-WF-545	21.11						
								INA-144MHC-TF-520	20.14						
INA-144MHC-TF-525	20.33														
INA-144MHC-TF-530	20.53														

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)								
						Modules	INA-144MHC-TF-530 (350Wp)	INA-144MHC-TF-535	20.72	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027								
							INA-144MHC-TF-540	20.91													
							INA-144MHC-TF-545	21.11													
							iii	Mono PERC c-Si Modules	INA-132MHC-WF-480					INA-132MHC-WF-480	20.19						
														INA-132MHC-WF-485	20.41						
														INA-132MHC-WF-490	20.62						
														INA-132MHC-WF-495	20.83						
														INA-132MHC-WF-500	21.04						
														iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-480	20.19			
																	INA-132MHC-TF-485	20.41			
																	INA-132MHC-TF-490	20.62			
																	INA-132MHC-TF-495	20.83			
																	INA-132MHC-TF-500	21.04			
							v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)								INA-120MHC-WF-435	20.04			
																	INA-120MHC-WF-440	20.27			
																	INA-120MHC-WF-445	20.5			
																	INA-120MHC-WF-450	20.73			
																	INA-120MHC-TF-435	20.04			
														vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-440	20.27			
																	INA-120MHC-TF-445	20.5			
																	INA-120MHC-TF-450	20.73			
																	vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-390	19.86
																				INA-108MHC-WF-395	20.11
							INA-108MHC-WF-400	20.37													
							INA-108MHC-WF-405	20.62													
							viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)											INA-108MHC-TF-390	19.86
																				INA-108MHC-TF-395	20.11
																				INA-108MHC-TF-400	20.37
														INA-108MHC-TF-405	20.62						
														ix	Mono c-Si PERC Module	INA-144MHC-WF-555				INA-144MHC-WF-550	21.29
																				INA-144MHC-WF-555	21.48
																	INA-144MHC-WF-560	21.68			
																	INA-144MHC-TF-550	21.29			
																	INA-144MHC-TF-555	21.48			
																	x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-TF-560	21.68
							APSAM-545/144	21.12													
							APSAM-540/144	20.91													
							APSAM-535/144	20.73													
							APSAM-530/144	20.53													
							APSAM-525/144	20.35													
							APSAM-520/144	20.16													
							APSAM-515/144	19.98													
							APSAM-510/144	19.79													
							APSAM-505/144	19.60													
							APSAM-500/144	19.42													
							i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)					APSAM-495/132	20.85						
														APSAM-490/132	20.64						
														APSAM-485/132	20.43						
														APSAM-480/132	20.22						
														APSAM-475/132	20.01						
														APSAM-450/120	20.73						
														APSAM-445/120	20.50						
														APSAM-440/120	20.27						
														APSAM-435/120	20.04						
														APSAM-410/108	20.98						
							APSAM-405/108	20.72													
							ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)					APSAM-400/108	20.47						
														APSAM-395/108	20.21						
														APSAM-390/108	19.96						
														APSAM-365/96	20.92						
														APSAM-360/96	20.64						
														APSAM-355/96	20.35						
														APSAM-350/96	20.06						
														APSAM-275/72	20.82						
														APSAM-270/72	20.45						
														APSAM-265/72	20.07						
							APSAM-260/72	19.69													
							iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)					Orb410M66-15	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)
	Limited	Yeshwanthapura, Bangalore - 560022, Karnataka			i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	Orb405M66-15	20.77	66 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb400M66-15	20.51				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb395M66-15	20.25	72 (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				
								Orb435M72-15	20.48				
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
								SMF72HM10-505	19.55				
								SMF72HM10-510	19.74				
								SMF72HM10-515	19.94				
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
								SMF72HM10-535	20.71				
								SMF72HM10-540	20.91				
								SMF72HM10-545	21.10				
								SMF72HM10-550	21.30				
								SMF72HM10-555	21.49				
								SMF872HM10-500	19.36				
								SMF872HM10-505	19.55				
								SMF872HM10-510	19.74				
								SMF872HM10-515	19.94				
								SMF872HM10-520	20.13				
								SMF872HM10-525	20.32				
								SMF872HM10-530	20.52				
								SMF872HM10-535	20.71				
								SMF872HM10-540	20.91				
								SMF872HM10-545	21.10				
								SMF872HM10-550	21.30				
								SMF872HM10-555	21.49				
								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				
								SMF66HM10-495	20.86				
								SMF66HM10-500	21.07				
								SMF66HM10-505	21.28				
								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				
								SMF66HM10-495	20.86				
								SMF66HM10-500	21.07				
								SMF66HM10-505	21.28				
								SMF60HM10-420	19.37				
								SMF60HM10-425	19.61				
								SMF60HM10-430	19.83				
								SMF60HM10-435	20.06				
								SMF60HM10-440	20.29				
								SMF60HM10-445	20.51				
								SMF60HM10-450	20.75				
								SMF60HM10-455	20.98				
								SMF60HM10-460	21.21				
								SMF60HM10-420	19.37				
								SMF60HM10-425	19.61				
								SMF60HM10-430	19.83				
								SMF60HM10-435	20.06				
								SMF60HM10-440	20.29				
								SMF60HM10-440	20.29				

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)
								SMFB60HM10-445	20.51				
								SMFB60HM10-450	20.75				
								SMFB60HM10-455	20.98				
								SMFB60HM10-460	21.21				
					xi	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375	19.20	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMF54HM10-380				19.46					
				SMF54HM10-385				19.73					
				SMF54HM10-390				19.98					
								SMF54HM10-395	20.23				
					xii	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400	20.49	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMF54HM10-405				20.73					
				SMF54HM10-410				21.00					
				SMF54HM10-415				21.24					
					xiii	Mono c-Si PERC Module	SMFB54HM10-385 (385Wp)	SMFB54HM10-375	19.20	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMFB54HM10-380				19.46					
				SMFB54HM10-385				19.73					
				SMFB54HM10-390				19.98					
								SMFB54HM10-395	20.23				
					xiv	Mono c-Si PERC Module	SMFB54HM10-405 (405Wp)	SMFB54HM10-400	20.49	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMFB54HM10-405				20.73					
				SMFB54HM10-410				21.00					
				SMFB54HM10-415				21.24					
					xv	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMF48HM10-340				19.50					
				SMF48HM10-345				19.780					
				SMF48HM10-350				20.06					
								SMF48HM10-355	20.34				
					xvi	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-360	20.62	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMF48HM10-365				20.91					
				SMF48HM10-370				21.19					
				SMFB48HM10-335				19.21					
					xvii	Mono c-Si PERC Module	SMFB48HM10-345 (345Wp)	SMFB48HM10-340	19.50	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMFB48HM10-345				19.78					
				SMFB48HM10-350				20.06					
				SMFB48HM10-355				20.34					
								SMFB48HM10-360	20.62				
					xviii	Mono c-Si PERC Module	SMFB48HM10-365 (365Wp)	SMFB48HM10-365	20.91	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMFB48HM10-370				21.19					
				SMF42HM10-295				19.21					
				SMF42HM10-300				19.54					
					xix	Mono c-Si PERC Module	SMF42HM10-305 (305Wp)	SMF42HM10-305	19.88	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMF42HM10-310				20.2					
				SMF42HM10-315				20.5					
				SMF42HM10-320				20.8					
					xx	Mono c-Si PERC Module	SMFB42HM10-305 (305Wp)	SMFB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMFB42HM10-300				19.54					
				SMFB42HM10-305				19.88					
				SMFB42HM10-310				20.2					
								SMFB42HM10-315	20.5				
								SMFB42HM10-320	20.8				
					xxi	Mono c-Si PERC Module	SMF36HM10-265 (265Wp)	SMF36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMF36HM10-260				19.63					
				SMF36HM10-265				19.99					
				SMF36HM10-270				20.36					
								SMF36HM10-275	20.73				
					xxii	Mono c-Si PERC Module	SMFB36HM10-265 (265Wp)	SMFB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMFB36HM10-260				19.63					
				SMFB36HM10-265				19.99					
				SMFB36HM10-270				20.36					
								SMFB36HM10-275	20.73				
					xxiii	Bifacial Mono c-Si PERC Modules	SMB72HM10-525 (525Wp)	SMB72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB72HM10-505				19.55					
				SMB72HM10-510				19.74					
				SMB72HM10-515				19.94					
				SMB72HM10-520				20.13					
				SMB72HM10-525				20.32					
				SMB72HM10-530				20.52					

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)			
								SMB72HM10-535	20.71							
								SMB72HM10-540	20.91							
								SMB72HM10-545	21.10							
								SMB72HM10-550	21.30							
					xxiv	Bifacial Mono c-Si PERC Modules	SMBB72HM10-525 (525Wp)	SMBB72HM10-500	19.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
				SMBB72HM10-505				19.55								
				SMBB72HM10-510				19.74								
				SMBB72HM10-515				19.94								
				SMBB72HM10-520				20.13								
				SMBB72HM10-525				20.32								
				SMBB72HM10-530				20.52								
				SMBB72HM10-535				20.71								
				SMBB72HM10-540				20.91								
				SMBB72HM10-545				21.10								
				SMBB72HM10-550				21.30								
															SMB66HM10-455	19.16
								SMB66HM10-460	19.37							
								SMB66HM10-465	19.59							
								SMB66HM10-470	19.80							
					xxv	Bifacial Mono c-Si PERC Modules	SMB66HM10-465 (465Wp)	SMB66HM10-475	20.02							
											SMB66HM10-480	20.24				
											SMB66HM10-485	20.65				
											SMB66HM10-490	20.86				
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-495	21.07	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB66HM10-500	21.28
															SMB66HM10-455	19.16
															SMB66HM10-460	19.37
					xxvii	Bifacial Mono c-Si PERC Modules	SMB66HM10-465 (465Wp)	SMB66HM10-465	19.59	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB66HM10-470	19.80
															SMB66HM10-475	20.02
															SMB66HM10-480	20.24
					xxviii	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-485	20.44	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB66HM10-490	20.65
															SMB66HM10-495	20.86
															SMB66HM10-500	21.07
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-415	19.13	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB60HM10-420	19.37
															SMB60HM10-425	19.61
															SMB60HM10-430	19.83
															SMB60HM10-435	20.06
															SMB60HM10-440	20.29
															SMB60HM10-445	20.51
															SMB60HM10-450	20.75
															SMB60HM10-455	20.98
															SMB60HM10-415	19.13
					xxx	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-420	19.37	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB60HM10-425	19.61
															SMB60HM10-430	19.83
															SMB60HM10-435	20.06
															SMB60HM10-440	20.29
															SMB60HM10-445	20.51
															SMB60HM10-450	20.75
															SMB60HM10-455	20.98
															SMB54HM10-375	19.2
															SMB54HM10-380	19.46
					xxxi	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-385	19.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB54HM10-390	19.98
															SMB54HM10-395	20.23
															SMB54HM10-400	20.49
					xxxii	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-405	20.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB54HM10-410	21.00
															SMB54HM10-375	19.20
															SMB54HM10-380	19.46
					xxxiii	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-385	19.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
															SMB54HM10-390	19.98
															SMB54HM10-395	20.23
															SMB54HM10-400	20.49
					xxxiv	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-405	20.73	108 (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)	
					xxxv	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMBB54HM10-410	21.00	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027	
								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					
					xxxvi	Bifacial Mono c-Si PERC Modules	SMBB48HM10-350 (350Wp)	SMBB48HM10-335	19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027	
								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					84 (Half Cut Cell)
					SMB42HM10-300	19.54								
					SMB42HM10-305	19.88								
					SMB42HM10-310	20.20								
					SMB42HM10-315	20.50								
					SMB42HM10-320	20.80								
					SMBB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
					SMBB42HM10-300	19.54								
					SMBB42HM10-305	19.88								
					SMBB42HM10-310	20.20								
					SMBB42HM10-315	20.50								
					SMBB42HM10-320	20.80								
					SMB36HM10-255	19.25					72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					SMB36HM10-260	19.63								
					SMB36HM10-265	19.66								
					SMB36HM10-270	20.36								
					SMB36HM10-275	20.73								
SMBB36HM10-255	19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027									
SMBB36HM10-260	19.63													
SMBB36HM10-265	19.99													
SMBB36HM10-270	20.36													
SMBB36HM10-275	20.73													
JKM-SMF-530P-72HL4-V	20.52					144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
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	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027									
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					132 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
GS10-M132-WF-485	20.43													
GS10-M132-WF-490	20.64													
GS10-M132-WF-495	20.85													
GS10-M132-WF-500	21.06													
GS10-M132-WF-505	21.28													
TP455HGZ(H)	20.46	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027									
TP450HGZ(H)	20.23													
TP445HGZ(H)	20.01													
TP440HGZ(H)	19.78													
TP435HGZ(H)	19.56													
TP430HGZ(H)	19.34													
TP425HGZ(H)	19.11													
TP595LG10	21.36					156 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
TP590LG10	21.18													
TP585LG10	21.00													
TP580LG10	20.83													
TP575LG10	20.65													
TP570LG10	20.47													

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)									
								TP585LG10B	21.00													
								TP590LG10B	21.18													
								TP595LG10B	21.36													
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP530HG10B (530 Wp)	TP505HG10B	19.59	144 (Half Cut Cells)	1500	20.09.2023	19.09.2027									
														TP510HG10B	19.78							
														TP515HG10B	19.98							
														TP520HG10B	20.17							
														TP525HG10B	20.37							
														TP530HG10B	20.56							
														TP535HG10B	20.75							
														TP540HG10B	20.95							
														TP545HG10B	21.14							
														TP550HG10B	21.34							
								xii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)					TP480VG10B (480 Wp)	TP460VG10B	19.19	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027		
							TP465VG10B			19.40												
							TP470VG10B			19.60												
							TP475VG10B			19.81												
							TP480VG10B			20.02												
							TP485VG10B			20.23												
							TP490VG10B			20.44												
							TP495VG10B			20.65												
							TP500VG10B			20.86												
							TP420MG10B			19.21												
					xiii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP435MG10B (435 Wp)			TP425MG10B	19.44	120 (Half Cut Cells)	1500		20.09.2023	19.09.2027						
										TP430MG10B	19.67											
										TP435MG10B	19.90											
										TP440MG10B	20.12											
										TP445MG10B	20.35											
										TP450MG10B	20.58											
										TP455MG10B	20.81											
										SI585M10-156	20.93											
								i	Mono PERC c-Si Modules	SI565M10-156 (565)	SI580M10-156			20.75			156 (Half Cut Cell)	1500	16.11.2023	15.11.2027		
																					SI575M10-156	20.57
																					SI570M10-156	20.39
							SI565M10-156				20.21											
							SI560M10-156				20.03											
							SI555M10-156				19.85											
							SI550M10-156				19.68											
							SI545M10-156				19.5											
							SI540M10-156				19.32											
							SI550M10-144				21.27											
					ii	Mono PERC c-Si Modules	SI525M10-144 (525)				SI545M10-144	21.08	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027						
										SI540M10-144	20.89											
										SI535M10-144	20.69											
										SI530M10-144	20.5											
										SI525M10-144	20.31											
										SI520M10-144	20.11											
										SI515M10-144	19.92											
										SI510M10-144	19.73											
										SI505M10-144	19.53											
										SI500M10-144	19.34											
								iii	Mono PERC c-Si Modules	SI475M10-132 (475)	SI495M10-132	20.84					132 (Half Cut Cell)	1500	16.11.2023	15.11.2027		
							SI490M10-132				20.63											
							SI485M10-132				20.41											
							SI480M10-132				20.2											
							SI475M10-132				19.99											
							SI470M10-132				19.78											
							SI465M10-132				19.57											
							SI460M10-132				19.36											
							SI455M10-132				19.15											
							SI450M10-120				20.78											
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)				SI445M10-120	20.55	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027						
										SI440M10-120	20.31											
										SI435M10-120	20.08											
										SI430M10-120	19.85											
										SI425M10-120	19.62											
										SI420M10-120	19.39											
										SI415M10-120	19.16											
										SI405M10-108	20.69											
										SI400M10-108	20.44											

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	Mono PERC C-Si Modules	SI390M10-108 (390)	SI395M10-108 SI390M10-108 SI385M10-108 SI380M10-108 SI375M10-108 SI365M10-96 SI360M10-96 SI355M10-96 SI350M10-96 SI340M10-96 SI335M10-96 SI320M10-84 SI315M10-84 SI310M10-84 SI305M10-84 SI300M10-84 SI295M10-84 SI270M10-72 SI265M10-72 SI260M10-72 SI255M10-72 SI240M10-64 SI235M10-64 SI230M10-64	20.18 19.93 19.67 19.41 19.16 20.87 20.59 20.3 20.02 19.44 19.16 20.78 20.45 20.13 19.8 19.48 19.15 20.38 20.01 19.63 19.25 19.99 19.61 19.24	108 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					vi	Mono PERC C-Si Modules	SI345M10-96 (350)	SI355M10-96 SI350M10-96 SI340M10-96 SI335M10-96 SI320M10-84 SI315M10-84 SI310M10-84 SI305M10-84 SI300M10-84 SI295M10-84 SI270M10-72 SI265M10-72 SI260M10-72 SI255M10-72 SI240M10-64 SI235M10-64 SI230M10-64	20.3 20.02 19.44 19.16 20.78 20.45 20.13 19.8 19.48 19.15 20.38 20.01 19.63 19.25 19.99 19.61 19.24	96 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					vii	Mono PERC C-Si Modules	SI305M10-84 (305)	SI315M10-84 SI310M10-84 SI305M10-84 SI300M10-84 SI295M10-84 SI270M10-72 SI265M10-72 SI260M10-72 SI255M10-72 SI240M10-64 SI235M10-64 SI230M10-64	20.45 20.13 19.8 19.48 19.15 20.38 20.01 19.63 19.25 19.99 19.61 19.24	84 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					viii	Mono PERC C-Si Modules	SI260M10-72 (260)	SI270M10-72 SI265M10-72 SI260M10-72 SI255M10-72 SI240M10-64 SI235M10-64 SI230M10-64	20.38 20.01 19.63 19.25 19.99 19.61 19.24	72 (Full Cell)	1500	16.11.2023	15.11.2027
					ix	Mono PERC C-Si Modules	SI230M10-64 (230)	SI240M10-64 SI235M10-64 SI230M10-64	19.99 19.61 19.24	64 (Full Cell)	1500	16.11.2023	15.11.2027
67	M/s Inter Solar Systems Private Limited	Village Sundran, Derabassi, P.O – Mubarkpur, District Sas Nagar, Mohali-140507, Punjab	R-97001139	49	i	Mono c-Si PERC Module	ISSM10-525-144 (525Wp)	ISSM10-500-144 ISSM10-505-144 ISSM10-510-144 ISSM10-515-144 ISSM10-520-144 ISSM10-525-144 ISSM10-530-144 ISSM10-535-144 ISSM10-540-144 ISSM10-545-144 ISSM10-550-144	19.92 20.12 20.23 20.28 20.38 20.47 20.51 20.59 20.67 20.71 20.83	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027
68	M/s. ReNew Photovoltaics 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	i	Mono PERC C-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB515 RPS2MH72MB520 RPS2MH72MB525 RPS2MH72MB530 RPS2MH72MB535 RPS2MH72MB540 RPS2MH72MB545 RPS2MH72MB550	19.93 20.13 20.32 20.52 20.71 20.9 21.1 21.29	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					ii	Bifacial Mono c-Si PERC Module	RPS2MH72BD530 (530Wp)	RPS2MH72BD515 RPS2MH72BD520 RPS2MH72BD525 RPS2MH72BD530 RPS2MH72BD535 RPS2MH72BD540 RPS2MH72BD545 RPS2MH72BD550	19.93 20.13 20.32 20.52 20.71 20.9 21.1 21.29	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
69	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	i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-555-HM156 AS-560-HM156 AS-565-HM156 AS-570-HM156 AS-575-HM156 AS-580-HM156 AS-585-HM156 AS-590-HM156 AS-595-HM156	19.88 20.05 20.22 20.40 20.59 20.78 20.96 21.13 21.30	156 Half Cut Cells	1500	24.01.2024	23.01.2028
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-500-HM144 AS-505-HM144 AS-510-HM144 AS-515-HM144 AS-520-HM144 AS-525-HM144 AS-530-HM144 AS-535-HM144 AS-540-HM144 AS-545-HM144 AS-550-HM144 AS-455-HM132	19.36 19.54 19.75 19.94 20.13 20.32 20.52 20.70 20.92 21.11 21.31 19.18	144 Half Cut Cells	1500	24.01.2024	23.01.2028

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)							
					iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-460-HM132	19.37	132 Half Cut Cells	1500	24.01.2024	23.01.2028							
								AS-465-HM132	19.60											
								AS-470-HM132	19.80											
								AS-475-HM132	20.01											
								AS-480-HM132	20.23											
								AS-485-HM132	20.44											
								AS-490-HM132	20.64											
								AS-495-HM132	20.85											
								AS-375-HM108	19.21											
					iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-380-HM108	19.47	108 Half Cut Cells	1500	24.01.2024	23.01.2028							
								AS-385-HM108	19.73											
								AS-390-HM108	19.99											
								AS-395-HM108	20.27											
								AS-400-HM108	20.47											
								AS-415-HM120	19.20											
								AS-420-HM120	19.42											
								AS-425-HM120	19.64											
								AS-430-HM120	19.87											
					v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	AS-435-HM120	20.11	120 Half Cut Cells	1500	24.01.2024	23.01.2028							
								AS-440-HM120	20.33											
								AS-445-HM120	20.56											
AS-450-HM120	20.79																			
ISEN560	20.03																			
70	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	186				i	Mono c-Si PERC Module					ISEN575 (575 Wp)	ISEN565	20.21	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
															ISEN570	20.39				
															ISEN575	20.57				
															ISEN580	20.75				
					ISEN585	20.93														
					ISEN590	21.11														
					ISEN520	20.12														
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)			ISEN525	20.32	144 (Half Cut Cells)	1500		24.02.2024	23.02.2028				
										ISEN530	20.52									
								ISEN535	20.71											
								ISEN540	20.9											
								ISEN545	21.1											
								ISEN550	21.3											
								ISEN555	21.48											
								ISEN500	21.05											
								ISEN510	21.47											
					iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN420	19.41	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028							
								ISEN425	19.64											
								ISEN430	19.87											
								ISEN435	20.1											
								ISEN440	20.34											
ISEN445	20.57																			
ISEN450	20.8																			
ISEN455	21.03																			
ISEN460	21.26																			
v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN380	19.46	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028												
			ISEN385	19.72																
			ISEN390	19.97																
			ISEN395	20.23																
			ISEN400	20.48																
			ISEN405	20.74																
			ISEN410	21																
			WSMD-520	20.2																
			71	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-525	20.39	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
WSMD-530	20.58																			
WSMD-535	20.78																			
WSMD-540	20.97																			
WSMD-545	21.17																			
WSMD-550	21.36																			
Bi-55-520	20.2																			
ii	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)			Bi-55-525	20.39	144 (Half Cut Cells)	1500							24.02.2024	23.02.2028				
					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														
					WSMT-560	21.75														
					WSMT-565	21.94														
					WSMT-570	22.14														
iii	N TOPCon Module	WSMT-570 (570Wp)			WSMT-560	21.75	144 (Half Cut Cells)	1500				24.02.2024	23.02.2028							
					WSMT-565	21.94														
					WSMT-570	22.14														

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)
					i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	ASM-M10-144-522 ASM-M10-144-523 ASM-M10-144-524 ASM-M10-144-525 ASM-M10-144-526 ASM-M10-144-527 ASM-M10-144-528 ASM-M10-144-529 ASM-M10-144-530 ASM-M10-144-531 ASM-M10-144-532 ASM-M10-144-533 ASM-M10-144-534 ASM-M10-144-535 ASM-M10-144-536 ASM-M10-144-537 ASM-M10-144-538 ASM-M10-144-539 ASM-M10-144-540 ASM-M10-144-541 ASM-M10-144-542 ASM-M10-144-543 ASM-M10-144-544 ASM-M10-144-545	20.33 20.37 20.41 20.44 20.48 20.52 20.56 20.6 20.64 20.68 20.72 20.76 20.8 20.83 20.87 20.91 20.95 20.99 21.03 21.07 21.11 21.15 21.18 21.22	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Bifacial c-Si PERC Modules	ASB-M10-144-548 (548Wp)	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	20.25 20.29 20.33 20.37 20.41 20.44 20.48 20.52 20.56 20.6 20.64 20.68 20.72 20.76 20.8 20.83 20.87 20.91 20.95 20.99 21.03 21.07 21.11 21.15 21.18 21.22 21.26 21.3 21.34 21.38 21.42	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Bifacial n-type TOPCon Modules	ASB-M10-144-563 (563Wp)	ASB-M10-144-550 ASB-M10-144-551 ASB-M10-144-552 ASB-M10-144-553 ASB-M10-144-554 ASB-M10-144-555 ASB-M10-144-556 ASB-M10-144-557 ASB-M10-144-558 ASB-M10-144-559 ASB-M10-144-560 ASB-M10-144-561 ASB-M10-144-562 ASB-M10-144-563 ASB-M10-144-564 ASB-M10-144-565 ASB-M10-144-566	21.42 21.46 21.5 21.54 21.57 21.61 21.65 21.69 21.73 21.77 21.81 21.85 21.89 21.92 21.96 22 22.04	144 (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)
								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				
74	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2, Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1325	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				
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								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 Module	PARADEA VSMH.72.545.05 (545 Wp)	PARADEA VSMH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.72.545.05	21.13				
								PARADEA VSMH.72.540.05	20.94				
								PARADEA VSMH.72.535.05	20.75				
iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.450.05	20.23	144 (Half Cut cells)	1500	24.02.2024	23.02.2028					
			SOMERA VSMH.72.445.05	20.01									
			SOMERA VSMH.72.440.05	19.79									
75	M/s. TP Solar Limited	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	R-61004146	2525	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP575LG10B (575Wp)	TP555LG10B	19.93	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP560LG10B	20.11				
								TP565LG10B	20.29				
								TP570LG10B	20.47				
								TP575LG10B	20.65				
								TP580LG10B	20.83				
								TP585LG10B	21.00				
								TP590LG10B	21.18				
								TP595LG10B	21.36				
								TP600LG10B	21.54				
								TP500HG10B	19.40				
								ii	Bifacial Mono c-Si PERC Module (Glass to Glass)				
					TP510HG10B	19.79							
					TP515HG10B	19.98							
					TP520HG10B	20.17							
					TP525HG10B	20.37							
					TP530HG10B	20.56							
					TP535HG10B	20.76							
					TP540HG10B	20.95							
					TP545HG10B	21.14							
					TP550HG10B	21.34							
					TP555HG10B	21.53							
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)			TP460VG10B	19.19	144 (Half cut Cells)	1500
								TP465VG10B	19.47				
								TP470VG10B	19.61				
								TP475VG10B	19.81				
								TP480VG10B	20.02				
								TP485VG10B	20.23				
								TP490VG10B	20.44				
								TP495VG10B	20.65				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP470VG10B (470 Wp)	TP500VG10B	20.86	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP505VG10B	21.07				
								TP420MG10B	19.21				
								TP425MG10B	19.44				
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP500VG10B (500 Wp)	TP430MG10B	19.66	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP435MG10B	19.89				
								TP440MG10B	20.12				
								TP445MG10B	20.35				
								TP450MG10B	20.58				
								TP455MG10B	20.81				
								TP460MG10B	21.03				
								TP465MG10B	21.26				
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP435MG10B (435 Wp)	TP555LG10TB	19.93	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP560LG10TB	20.11				
								TP565LG10TB	20.29				
								TP570LG10TB	20.47				
								TP575LG10TB	20.65				
								TP420MG10B	19.21				
TP425MG10B	19.44												
TP430MG10B	19.66												
TP435MG10B	19.89												
TP440MG10B	20.12												
TP445MG10B	20.35												
TP450MG10B	20.58												
vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP460MG10B (460 Wp)	TP455MG10B	20.81	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028					
			TP460MG10B	21.03									
			TP465MG10B	21.26									
			TP555LG10TB	19.93									
			TP560LG10TB	20.11									
			TP565LG10TB	20.29									
			TP570LG10TB	20.47									
			TP575LG10TB	20.65									
viii	Bifacial Mono c-Si PERC Module (Glass to Transparent	TP575LG10TR (575Wp)	TP555LG10TB	19.93	156(Half Cut Cells)	1500	22.03.2024	21.03.2028					
			TP560LG10TB	20.11									
			TP565LG10TB	20.29									
			TP570LG10TB	20.47									
			TP575LG10TB	20.65									
			TP420MG10B	19.21									
			TP425MG10B	19.44									
			TP430MG10B	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)					
						Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP580LG10TB	20.83	144 (Half cut Cells)	1500	22.03.2024	21.03.2028					
								TP585LG10TB	21.00									
								TP590LG10TB	21.18									
								TP595LG10TB	21.36									
								TP600LG10TB	21.54									
								TP500HG10TB	19.40									
					TP505HG10TB	19.59												
										ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP510HG10TB	19.79	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
													TP515HG10TB	19.98				
													TP520HG10TB	20.17				
													TP525HG10TB	20.37				
													TP530HG10TB	20.56				
													TP535HG10TB	20.76				
										x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP550HG10TB (550 Wp)	TP540HG10TB	20.95	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
													TP545HG10TB	21.14				
													TP550HG10TB	21.34				
										xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP470VG10TB (470 Wp)	TP555HG10TB	21.53	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
													TP460VG10TB	19.19				
													TP465VG10TB	19.47				
													TP470VG10TB	19.61				
													TP475VG10TB	19.81				
													TP480VG10TB	20.02				
										xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP500VG10TB (500 Wp)	TP485VG10TB	20.23	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
													TP490VG10TB	20.44				
													TP495VG10TB	20.65				
										xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP500VG10TB	20.86	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
													TP505VG10TB	21.07				
													TP420MG10TB	19.21				
													TP425MG10TB	19.44				
													TP430MG10TB	19.66				
													TP435MG10TB	19.89				
										xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP440MG10TB	20.12	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
													TP445MG10TB	20.35				
													TP450MG10TB	20.58				
													TP455MG10TB	20.81				
													TP460MG10TB	21.03				
TP465MG10TB	21.26																	
76	M/s. Solberry Energy Private Limited	Survey No.-164/002 & 165, Near Kamla 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	20.92	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								SE144H535M	20.73									
								SE144H530M	20.53									
								SE144H525M	20.34									
								SE144H520M	20.15									
								SE144H515M	19.95									
					ii	Mono c-Si PERC Module	SE132H480M (480 Wp)	SE144H510M	19.76	132 (Half cut Cells)	1500	10.04.2024	09.04.2028					
								SE144H505M	19.57									
								SE132H500M	21.06									
								SE132H495M	20.85									
								SE132H490M	20.64									
								SE132H485M	20.43									
					iii	Mono c-Si PERC Module	SE120H440M (440 Wp)	SE132H480M	20.22	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
								SE132H475M	20.01									
								SE132H470M	19.80									
								SE132H465M	19.60									
								SE120H460M	21.23									
								SE120H455M	21.00									
					iv	Mono c-Si PERC Module	SE108H400M (400 Wp)	SE120H450M	20.77	108 (Half cut cells)	1500	10.04.2024	09.04.2028					
								SE120H445M	20.54									
								SE120H440M	20.31									
								SE120H435M	20.10									
								SE120H430M	19.85									
								SE120H425M	19.62									
													SE120H420M	19.39				
													SE108H410M	20.97				
													SE108H405M	20.71				
													SE108H400M	20.45				
													SE108H395M	20.20				
													SE108H390M	19.94				
					SE108H385M	19.69												

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	Mono c-Si PERC Module	SE108H375M (375 Wp)	SE108H380M SE108H375M SE96H360M SE96H355M SE96H350M SE96H345M SE96H340M SE96H335M	19.43 19.18 20.62 20.33 20.05 19.76 19.47 19.19	108 (Half cut cells)	1500	10.04.2024	09.04.2028					
					vi	Mono c-Si PERC Module	SE96H345M (345 Wp)	SE96H350M SE96H345M SE96H340M SE96H335M	20.33 20.05 19.76 19.47	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 SE120H435MB SE120H430MB SE120H425MB SE120H420MB	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					
					x	Bifacial Mono c-Si PERC Module	SE108H400MB (400 Wp)	SE108H410MB SE108H405MB SE108H400MB SE108H395MB SE108H390MB SE108H385MB	20.97 20.71 20.45 20.20 19.94 19.69	108 (Half cut cells)	1500	10.04.2024	09.04.2028					
					xi	Bifacial Mono c-Si PERC Module	SE108H375MB (375Wp)	SE108H380MB SE108H375MB SE96H360MB SE96H355MB	19.43 19.18 20.62 20.33	108 (Half cut cells)	1500	10.04.2024	09.04.2028					
					xii	Bifacial Mono c-Si PERC Module	SE96H345MB (345 Wp)	SE96H350MB SE96H345MB SE96H340MB SE96H335MB	20.05 19.76 19.47 19.19	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
					77	M/s.Premier Energies International Private Limited	Plot No. S-95, S-96, S-100, S-101, S-102, S-103 & S-104, Raviryala, Raviryala(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	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
													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				
													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							
										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							
										ii	N-type TOPCon Module (Glass to Transparent)	PEI-132-520THB-M10 (520 Wp)	PEI-144-545THB-M10	21.09	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
													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				
													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												
iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-144-535HB-M10 (535 Wp)	PEI-144-545THB-M10	21.09	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028										
			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														
			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																	

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)	PEI-132-490HB-M10 (490 Wp)	PEI-144-560HB-M10	21.67	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								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											
								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														
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-144-535HGB-M10 (535 Wp)	PEI-132-470HGB-M10	19.80	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								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											
								PEI-144-545THGB-M10	21.09											
								PEI-144-550THGB-M10	21.28											
								PEI-144-555THGB-M10	21.47											
					PEI-144-560THGB-M10	21.67														
					PEI-144-565THGB-M10	21.86														
					PEI-144-570THGB-M10	22.05														
					PEI-144-575THGB-M10	22.25														
					PEI-144-580THGB-M10	22.44														
					PEI-144-585THGB-M10	22.63														
					PEI-144-590THGB-M10	22.83														
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-132-490HGB-M10 (490 Wp)	PEI-132-495THGB-M10	20.85	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								PEI-132-500THGB-M10	21.06											
								PEI-132-505THGB-M10	21.28											
								PEI-132-510THGB-M10	21.49											
								PEI-132-515THGB-M10	21.70											
								PEI-132-520THGB-M10	21.91											
								PEI-132-525THGB-M10	22.12											
								PEI-132-530THGB-M10	22.33											
								PEI-132-535THGB-M10	22.54											
								PEI-132-540THGB-M10	22.75											
								vii	Bifacial N-type TOPCon Module (Glass to Glass)					PEI-144-565THGB-M10 (565 Wp)	TST144MPH-525	20.00	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
															TST144MPH-530	20.18				
					TST144MPH-535	20.38														
TST144MPH-540	20.58																			
TST132MPH-480	19.91																			
TST132MPH-485	20.11																			
TST132MPH-490	20.32																			
TST132MPH-495	20.53																			
TST132MPH-500	20.74																			
TST120MPH-440	19.99																			
TST120MPH-445	20.22																			
TST120MPH-450	20.45																			
TST120MPH-455	20.68																			
viii	N-type TOPCon Module (Glass to Glass)	PEI-132-520THGB-M10 (520 Wp)	TST108MPH-390	19.60	108 (Half cut cells)	1500	10.04.2024	09.04.2028												
			TST108MPH-395	19.86																
			TST108MPH-400	20.11																
			TST108MPH-405	20.36																
			TST108MPH-410	20.61																
			TST96MPH-350	19.68																
			TST96MPH-355	19.96																
			TST96MPH-360	20.24																
			TST96MPH-365	20.52																
			TST84MPH-305	19.46																
			TST84MPH-310	19.78																
			TST84MPH-315	20.09																
TST84MPH-320	20.41																			
TST72MPH-260	19.16																			
78	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	20.00	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								TST144MPH-530	20.18											
								TST144MPH-535	20.38											
					ii	Mono c-Si PERC Module	TST132MPH-490 (490Wp)	TST132MPH-480	19.91	132 (Half cut Cells)	1500	10.04.2024	09.04.2028							
								TST132MPH-485	20.11											
								TST132MPH-490	20.32											
					iii	Mono c-Si PERC Module	TST120MPH-445 (445Wp)	TST132MPH-495	20.53	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								TST132MPH-500	20.74											
								TST120MPH-440	19.99											
					iv	Mono c-Si PERC Module	TST108MPH-400 (400Wp)	TST120MPH-445	20.22	108 (Half cut cells)	1500	10.04.2024	09.04.2028							
								TST120MPH-450	20.45											
								TST120MPH-455	20.68											
v	Mono c-Si PERC Module	TST96MPH-360 (360Wp)	TST108MPH-390	19.60	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
			TST108MPH-395	19.86																
			TST108MPH-400	20.11																
vi	Mono c-Si PERC Module	TST84MPH-315 (315Wp)	TST108MPH-405	20.36	84 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
			TST108MPH-410	20.61																
			TST96MPH-350	19.68																

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	Mono c-Si PERC Module	TST72MPH-270 (270Wp)	TST72MPH-265 TST72MPH-270 TST72MPH-275	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-220 TST60MPH-225	19.22 19.66	60 (Half Cut Cells)	1500	10.04.2024	09.04.2028
79	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 IBMPH-415	19.30 19.55 19.81 20.06 20.31 20.57 20.82 19.05	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPH-420 IBMPH-425 IBMPH-430 IBMPH-435 IBMPH-440 IBMPH-445 IBMPH-450 IBMPH-455	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 IBMPH-500	19.26 19.47 19.68 19.89 20.10 20.31 20.52 20.73 20.93	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)	IBMPH-505 IBMPH-510 IBMPH-515 IBMPH-520 IBMPH-525 IBMPH-530 IBMPH-535 IBMPH-540 IBMPH-545	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
80	M/s.ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	856	i	Bifacial Mono c-Si PERC Module	RPS2MH72BD550 (550Wp)	RPS2MH72BD535 RPS2MH72BD540 RPS2MH72BD545 RPS2MH72BD550 RPS2MH72BD555	20.71 20.90 21.10 21.30 21.48	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								RPS2MH72BD560	21.68				
81	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	1150	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	GMF60HM10435 GMF60HM10440 GMF60HM10445	20.08 20.31 20.54	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)		
							(450 Wp)	GMF60HM10450 20.77 GMF60HM10455 21.00 GMF60HM10460 21.23 GMB60HM10435 20.08 GMB60HM10440 20.31 GMB60HM10445 20.54 GMB60HM10450 20.77 GMB60HM10455 21.00 GMB60HM10460 21.23							
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB60HM10390 19.93 GMF54HM10395 20.19 GMF54HM10400 20.44 GMF54HM10405 20.70 GMF54HM10410 20.95 GMF54HM10415 21.21		120 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)	GMB54HM10390 19.93 GMB54HM10395 20.19 GMB54HM10400 20.44 GMB54HM10405 20.70 GMB54HM10410 20.95 GMB54HM10415 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)	GMF48HM10340 19.46 GMF48HM10345 19.75 GMF48HM10350 20.04 GMF48HM10355 20.32 GMF48HM10360 20.61 GMF48HM10365 20.90		108 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)	GMB48HM10340 19.46 GMB48HM10345 19.75 GMB48HM10350 20.04 GMB48HM10355 20.32 GMB48HM10360 20.61 GMB48HM10365 20.90		96 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB48HM10350 (350 Wp)	ASU144CM520Wp 20.15 ASU144CM525Wp 20.34 ASU144CM530Wp 20.53 ASU144CM535Wp 20.73 ASU144CM540Wp 20.92 ASU144CM545Wp 21.12 ASU144CM550Wp 21.31		96 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
82	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)	FS-7505-FT1 18.06 FS-7510-FT1 18.23 FS-7515-FT1 18.41 FS-7520-FT1 18.60 FS-7525-FT1 18.77 FS-7530-FT1 18.95 FS-7535-FT1 19.13 FS-7540-FT1 19.30		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028		
83	M/s. FS India Solar Ventures Private Limited	Plot No. A-1/1, Sipcot Industrial Park, Pillaiakkam - 602105, Tamil Nadu, India	R-61004316	3212	j	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	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-7535A-FT1 19.13 FS-7540A-FT1 19.30		268 (Thin Film Cells)	1500	29.04.2024	28.04.2028		
					ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	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-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-490 22.60 DESERV EXTREME-485 22.37 DESERV EXTREME-480 22.13 DESERV EXTREME-475 21.90		268 (Thin Film Cells)	1500	29.04.2024	28.04.2028		
84	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-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-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-490 22.60 DESERV EXTREME-485 22.37 DESERV EXTREME-480 22.13 DESERV EXTREME-475 21.90		156 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
					ii	Bifacial N type TOPCon Modules	DESERV EXTREME-590 (590 Wp)	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-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-490 22.60 DESERV EXTREME-485 22.37 DESERV EXTREME-480 22.13 DESERV EXTREME-475 21.90		144 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
					iii	Bifacial N type TOPCon Modules	DESERV EXTREME-490 (490 Wp)	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-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-490 22.60 DESERV EXTREME-485 22.37 DESERV EXTREME-480 22.13 DESERV EXTREME-475 21.90		120 (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)
								DESERV EXTREME-470	21.67				
								DESERV EXTREME-465	21.44				
								DESERV EXTREME-440	22.46				
					iv	Bifacial N type TOPCon Modules	DESERV EXTREME-440 (440 Wp)	DESERV EXTREME-435	22.21	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								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				
					v	N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	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				
					vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-585	22.68	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-580	22.48				
								DESERV SGALACTIC-575	22.29				
								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				
					vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-475	21.90	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-470	21.67				
								DESERV SGALACTIC-465	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				
85	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				
								OSWAL275MPD72	20.55				
					ii	Mono c-Si PERC Module	OSWAL265MPN72 (265 Wp)	OSWAL255MPN72	19.06	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL260MPN72	19.43				
								OSWAL265MPN72	19.80				
								OSWAL270MPN72	20.18				
								OSWAL275MPN72	20.55				
					iii	Mono c-Si PERC Module	OSWAL350MPD96 (350 Wp)	OSWAL335MPD96	19.06	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL340MPD96	19.34				
								OSWAL345MPD96	19.63				
								OSWAL350MPD96	19.91				
								OSWAL355MPD96	20.20				
								OSWAL360MPD96	20.48				
								OSWAL365MPD96	20.76				
					iv	Mono c-Si PERC Module	OSWAL350MPN96 (350 Wp)	OSWAL335MPN96	19.06	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL340MPN96	19.34				
								OSWAL345MPN96	19.63				
								OSWAL350MPN96	19.91				
								OSWAL355MPN96	20.20				
								OSWAL360MPN96	20.48				
								OSWAL365MPN96	20.76				
					v	Mono c-Si PERC Module	OSWAL390MPD108 (390 Wp)	OSWAL375MPD108	19.11	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL380MPD108	19.37				
								OSWAL385MPD108	19.62				
								OSWAL390MPD108	19.88				
								OSWAL395MPD108	20.13				
								OSWAL400MPD108	20.39				
								OSWAL405MPD108	20.64				
					vi	Mono c-Si PERC Module	OSWAL410MPD108 (410 Wp)	OSWAL410MPD108	20.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL375MPN108	19.11	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL380MPN108	19.37				
								OSWAL385MPN108	19.62				
								OSWAL390MPN108	19.88				
								OSWAL395MPN108	20.13				
								OSWAL400MPN108	20.39				
								OSWAL405MPN108	20.64				

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	OSWAL410MPN108 (410 Wp)	OSWAL410MPN108	20.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
					ix	Mono c-Si PERC Module	OSWAL435MPD120 (435 Wp)	OSWAL415MPD120	19.11	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
														OSWAL420MPD120	19.34
														OSWAL425MPD120	19.57
														OSWAL430MPD120	19.80
														OSWAL435MPD120	20.03
														OSWAL440MPD120	20.26
														OSWAL445MPD120	20.49
														OSWAL450MPD120	20.72
														OSWAL455MPD120	20.95
								x	Mono c-Si PERC Module					OSWAL435MPN120 (435 Wp)	OSWAL415MPN120
							OSWAL420MPN120			19.34					
							OSWAL425MPN120			19.57					
							OSWAL430MPN120			19.80					
							OSWAL435MPN120			20.03					
							OSWAL440MPN120			20.26					
							OSWAL445MPN120			20.49					
							OSWAL450MPN120			20.72					
							OSWAL455MPN120			20.95					
					xi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)			OSWAL455MPD132	19.20	132 (Half Cut Cells)	1500		24.05.2024
										OSWAL460MPD132	19.41				
										OSWAL465MPD132	19.62				
										OSWAL470MPD132	19.83				
										OSWAL475MPD132	20.04				
										OSWAL480MPD132	20.25				
										OSWAL485MPD132	20.46				
										OSWAL490MPD132	20.67				
										OSWAL495MPD132	20.88				
								xii	Mono c-Si PERC Module	OSWAL500MPD132 (500 Wp)	OSWAL500MPD132			21.10	
					xiii	Mono c-Si PERC Module	OSWAL475MPN132 (475 Wp)	OSWAL455MPN132	19.20	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
														OSWAL460MPN132	19.41
														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 (500 Wp)	OSWAL500MPN132
					xv	Mono c-Si PERC Module	OSWAL520MP144 (520 Wp)	OSWAL495MP144	19.16	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
														OSWAL500MP144	19.35
														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							
					xvi	Mono c-Si PERC Module	OSWAL550MP144 (550 Wp)	OSWAL550MP144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
					xvii	Mono c-Si PERC Module	OSWAL520MPN144 (520 Wp)	OSWAL495MPN144	19.16	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
														OSWAL500MPN144	19.35
														OSWAL505MPN144	19.54
														OSWAL510MPN144	19.74
														OSWAL515MPN144	19.94
														OSWAL520MPN144	20.13
														OSWAL525MPN144	20.32
														OSWAL530MPN144	20.51
														OSWAL535MPN144	20.71
														OSWAL540MPN144	20.90
							OSWAL545MPN144	21.09							
					xviii	Mono c-Si PERC Module	OSWAL550MPN144 (550 Wp)	OSWAL550MPN144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028		
								OSWAL550MP156	19.70						
								OSWAL555MP156	19.88						
								OSWAL560MP156	20.06						
								OSWAL565MP156	20.24						

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	Mono c-Si PERC Module	OSWAL570MP156 (570 Wp)	OSWAL570MP156 OSWAL575MP156 OSWAL580MP156 OSWAL585MP156 OSWAL590MP156 OSWAL595MP156	20.42 20.59 20.77 20.95 21.13 21.31		156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
86	M/s. HQ Lamps Manufacturing Co Pvt Ltd.	Plot No. 459-B, Sector - 53, Phase III, EPIP Industrial Estate, Kundali, Sonapat- 131028, Haryana, India	R-91014206	46	i	Mono c-Si PERC Modules	HQL144CMD535Wp (535 Wp)	HQL144CMD520Wp HQL144CMD525Wp HQL144CMD530Wp HQL144CMD535Wp HQL144CMD540Wp HQL144CMD545Wp HQL144CMD550Wp	20.14 20.34 20.53 20.73 20.92 21.12 21.31		144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
87	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	19.76	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
								ADM265-72M	20.14					
								ADM270-72M	20.52					
								ADM275-72M	20.90					
								ADM280-72M	21.28					
								ADM350-96M	19.93					
								ADM355-96M	20.22					
								ADM360-96M	20.50					
					ii	Mono c-Si PERC Module	ADM360-96M (360Wp)	ADM365-96M	20.79	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
								ADM370-96M	21.07					
								ADM400-108M	20.33					
								ADM405-108M	20.58					
								ADM410-108M	20.83					
								ADM415-108M	21.09					
								ADM445-120M	20.43					
								ADM450-120M	20.66					
					iii	Mono c-Si PERC Module	ADM405-108M (405Wp)	ADM455-120M	20.89	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
								ADM460-120M	21.12					
								ADM485-132M	20.31					
								ADM490-132M	20.52					
								ADM495-132M	20.73					
								ADM500-132M	20.94					
								ADM505-132M	21.15					
								ADM510-132M	21.36					
					iv	Mono c-Si PERC Module	ADM450-120M (450Wp)	ADM500-144M	19.38	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
								ADM505-144M	19.58					
								ADM510-144M	19.77					
								ADM515-144M	19.97					
ADM520-144M	20.16													
ADM525-144M	20.35													
ADM530-144M	20.51													
ADM535-144M	20.71													
v	Mono c-Si PERC Module	ADM500-132M (500Wp)	ADM540-144M	20.90	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028						
			ADM545-144M	21.09										
			ADM550-144M	21.29										
			ADM555-144M	21.48										
			ADM575-156M	20.57										
			ADM580-156M	20.74										
			ADM585-156M	20.92										
			ADM590-156M	21.10										
vi	Mono c-Si PERC Module	ADM525-144M (525Wp)	COS TWIN-510	19.74	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028						
			COS TWIN-515	19.93										
			COS TWIN-520	20.13										
			COS TWIN-525	20.32										
			COS TWIN-530	20.51										
			COS TWIN-535	20.71										
			COS TWIN-540	20.90										
			COS TWIN-545	21.10										
vii	Mono c-Si PERC Module	ADM590-156M (590Wp)	COS TWIN-550	21.30	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028						
			LUM 24590M	21.11										
			LUM 24585M	20.93										
			LUM 24580M	20.75										
			LUM 24575M	20.57										
			LUM 24570M	20.39										
			LUM 24565M	20.21										
			LUM 24560M	20.03										
88	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)	LUM 24555M	19.85	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028	
								LUM 24550M	21.28					
89	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	300	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	LUM 24545M	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 20.89 LUM 24535M 20.70 LUM 24530M 20.51 LUM 24525M 20.31 LUM 24520M 20.12 LUM 24515M 19.93 LUM 24510M 19.73 LUM 24505M 19.54 LUM 24500M 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 20.85 LUM 24490M 20.64 LUM 24485M 20.43 LUM 24480M 20.22 LUM 24475M 20.01 LUM 24470M 19.80 LUM 24465M 19.59 LUM24460M 19.38 LUM24455M 19.17		132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24450M 20.80 LUM 24445M 20.57 LUM 24440M 20.33 LUM 24435M 20.10 LUM 24430M 19.87 LUM 24425M 19.64 LUM 24420M 19.41 LUM 24400M 20.48 LUM 24395M 20.23		120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24390M 19.97 LUM 24385M 19.71 LUM 24380M 19.46 LUM 24375M 19.20		108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24630T156 22.54 LUM 24625T156 22.36 LUM 24620T156 22.18 LUM 24615T156 22.00 LUM 24610T156 21.82 LUM 24605T156 21.64 LUM 24600T156 21.46 LUM 24595T156 21.28 LUM 24590T156 21.11 LUM 24585T156 20.93 LUM 24580T156 20.75 LUM 24575T156 20.57 LUM 24570T156 20.39		156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24590T144 22.83 LUM 24585T144 22.63 LUM 24580T144 22.44 LUM 24575T144 22.25 LUM 24570T144 22.05 LUM 24565T144 21.86 LUM 24560T144 21.67 LUM 24555T144 21.47 LUM 24550T144 21.28 LUM 24545T144 21.09 LUM 24540T144 20.89		144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24535T144 20.70		144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ix	Mono c-Si PERC Module	AMS 24570M (570 Wp)	AMS 24590M 21.11 AMS 24585M 20.93 AMS 24580M 20.75 AMS 24575M 20.57 AMS 24570M 20.39 AMS 24565M 20.21 AMS 24560M 20.03 AMS 24555M 19.85 AMS 24550M 19.67 AMS 24545M 19.49 AMS 24540M 19.31 AMS 24535M 19.13		156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					x	Mono c-Si PERC Module	AMS 24530M (530 Wp)	AMS 24555M 19.85 AMS 24550M 19.67 AMS 24545M 19.49 AMS 24540M 19.31 AMS 24535M 19.13 AMS 24530M 20.51 AMS 24525M 20.31 AMS 24520M 20.12		144 (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)					
					xi	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24515M	19.93	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
								AMS 24510M	19.74									
								AMS 24505M	19.54									
								AMS 24500M	19.35									
								AMS 24495M	20.85									
								AMS 24490M	20.64									
								AMS 24485M	20.43									
								AMS 24480M	20.22									
								AMS 24475M	20.01									
								AMS 24470M	19.80									
								AMS 24465M	19.59									
								AMS24460M	19.38									
					xii	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS24455M	19.17	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
								AMS 24450M	20.80									
								AMS 24445M	20.57									
								AMS 24440M	20.33									
								AMS 24435M	20.10									
								AMS 24430M	19.87									
								AMS 24425M	19.64									
								AMS 24420M	19.41									
								AMS 24415M	19.18									
								AMS 24400M	20.48									
								AMS 24395M	20.23									
								AMS 24390M	19.97									
					xiii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24385M	19.71	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
								AMS 24380M	19.46									
								AMS 24375M	19.20									
								AMS 24630T156	22.54									
								AMS 24625T156	22.36									
								AMS 24620T156	22.18									
								AMS 24615T156	22.00									
								AMS 24610T156	21.82									
								AMS 24605T156	21.64									
								AMS 24600T156	21.46									
								AMS 24595T156	21.28									
								AMS 24590T156	21.11									
					xiv	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24585T156	20.93	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
								AMS 24580T156	20.75									
								AMS 24575T156	20.57									
								AMS 24570T156	20.39									
								AMS 24590T144	22.83									
								AMS 24585T144	22.63									
								AMS 24580T144	22.44									
								AMS 24575T144	22.25									
								AMS 24570T144	22.05									
								AMS 24565T144	21.86									
								AMS 24560T144	21.67									
								AMS 24555T144	21.47									
					xv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24550T144	21.28	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
								AMS 24545T144	21.09									
								AMS 24540T144	20.89									
								AMS 24535T144	20.70									
								TP495HG10	19.20									
								TP500HG10	19.40									
								TP505HG10	19.59									
								TP510HG10	19.79									
								TP515HG10	19.98									
								TP520HG10	20.17									
								TP525HG10	20.37									
								TP530HG10	20.56									
					90	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)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
													TP495HG10	19.20				
													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																	

F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 24th January, 2024

To,

M/s. Gautam Solar Private Limited
Plot No: 67-70, Sec-8A, II E,
Sidcul, Haridwar-249403
Uttarakhand, India
Email id: gautamsolar@gmail.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Gautam Solar Private Limited - reg.

Sir,

This is in reference to the application received from M/s. **Gautam Solar 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 Gautam Solar Private Limited, Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India 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 / PPS to JS (DDJ)

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. Gautam Solar Private Limited
Plant Address	Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	319 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 in Volt	Remarks
1.	Mono c-Si Module	G2X575-HAD (575Wp) G2X551-HAD (551Wp) G2X590-HAD (590Wp)	G2X590-HAD	22.84	R-83006041	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			G2X1767-UHAD	22.80				
			G2X588-HAD	22.76				
			G2X587-HAD	22.72				
			G2X1758T-UHAD	22.68				
			G2X585-HAD	22.65				
			G2X1752-UHAD	22.61				
			G2X583-HAD	22.57				
			G2X582-HAD	22.53				
			G2X1743T-UHAD	22.49				
			G2X580-HAD	22.45				
			G2X1737-UHAD	22.41				
			G2X578-HAD	22.37				
			G2X577-HAD	22.34				

G2X1728T- UHAD	22.30
G2X575- HAD	22.26
G2X1722- UHAD	22.22
G2X573- HAD	22.18
G2X572- HAD	22.14
G2X1713T- UHAD	22.10
G2X570- HAD	22.07
G2X1707- UHAD	22.03
G2X568- HAD	21.99
G2X567- HAD	21.95
G2X1698T- UHAD	21.91
G2X565- HAD	21.87
G2X1692- UHAD	21.83
G2X563- HAD	21.79
G2X562- HAD	21.76
G2X1683T- UHAD	21.72
G2X560- HAD	21.68
G2X1677- UHAD	21.64
G2X558- HAD	21.60
G2X557- HAD	21.56
G2X1668T- UHAD	21.52
G2X555- HAD	21.48
G2X1662- UHAD	21.45
G2X553- HAD	21.41
G2X552- HAD	21.37
G2X1653T- UHAD	21.33

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2	Mono c-Si Module	G2X480- HAA (480Wp) (461Wp- 500Wp)	G2X500- HAA	22.93	120 (Half Cut Cells)	1500	Provisionally Enlisted in ALMM
			G2X1497- UHAA	22.88			
			G2X498- HAA	22.84			
			G2X497- HAA	22.79			
			G2X1488T- UHAA	22.75			
			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			
			G2X478- HAA	21.92			
			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			

SK

F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 24th January, 2024

To,

M/s. Sahaj Solar Limited,
Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park,
Village Rajoda, Sarkhej-Bavla Road, NH 88,
Ahmedabad, Gujarat-382220, India.
Email id: hshah@sahajsolar.com

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

Sir,

This is in reference to the application received from M/s. Sahaj Solar 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 Sahaj Solar Limited, Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India 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 / PPS to JS (DDJ)

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 Sahaj Solar Limited
Plant Address	Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village- Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	100 MW/Year
Applied Capacity	100 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 Volt	Remarks
1.	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520	20.12%	R-72005630	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			SS-525	20.31%				
			SS-530	20.51%				
			SS-535	20.70%				
			SS-540	20.89%				
			SS-545	21.09%				
			SS-550	21.28%				
2	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C480	20.22%				
			SS-132C485	20.43%				
			SS-132C490	20.64%				
			SS-132C495	20.86%				
			SS-132C500	21.07%				
			SS-132C505	21.27%				
			SS-132C510	21.49%				
			SS-132C515	21.70%				
3	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C440	20.34%				
			SS-120C445	20.57%				
			SS-120C450	20.79%				
			SS-120C455	21.02%				

F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 24th February, 2024

To,

M/s. Rajasthan Electronics and Instruments Limited (REIL),
2, Kanakpura Industrial Area, Sirsi Road,
Jaipur-302040, Rajasthan, India
Email id: ashish.choudhary@reil.co.in

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Rajasthan Electronics and Instruments Limited (REIL) – reg.

Sir,

This is in reference to the application received from **M/s. Rajasthan Electronics and Instruments Limited (REIL)** 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 Rajasthan Electronics and Instruments Limited (REIL), 2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040, Rajasthan, India, 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 / PSO to JS (DDJ)

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. Rajasthan Electronics and Instruments Limited (REIL)
Plant Address	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040, Rajasthan, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	23 MW/Year
Applied Capacity	19 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Mono c-Si Module	385VV72 (385 Wp)	390W72	20.07%	Registration No.: R-84003077	72 Full Cells	1500	Provisional Enlistment
			385W72	19.82%				
			380W72	19.56%				
			375W72	19.30%				



F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 22nd March, 2024

To,

M/s. Alpex Solar Limited
Plot No. I-25 & I-26, UPSIDC, Site-5,
Surajpur, Greater Noida, District: Gautam Budh Nagar,
Uttar Pradesh-201306, India
Email id: lakhan.singh@alpexonline.com

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

Sir,

This is in reference to the application received from M/s. Alpex Solar 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 Alpex Solar Limited, Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India, 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: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website

Appendix-I

Name of Manufacturer	M/s. Alpex Solar Limited
Plant Address	Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	248 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 granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Mono c-Si PERC Module	ALP24L535WM (535Wp)	ALP24L520WM	20.05	Registration No.: R-93007480	144 (Half Cut Cells)	1500	Provisionally Enlisted
			ALP24L525WM	20.24				
			ALP24L530WM	20.44				
			ALP24L535WM	20.63				
2	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP24L540WM	20.82				
			ALP22L480WM	20.14				
			ALP22L485WM	20.35				
			ALP22L490WM	20.56				
			ALP22L495WM	20.77				
			ALP22L500WM	20.98				
			ALP22L505WM	21.19				
3	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP22L510WM	21.39				
			ALP22L515WM	21.60				
			ALP20L435WM	20.01				
			ALP20L440WM	20.24				
			ALP20L445WM	20.47				
			ALP20L450WM	20.70				
			ALP20L455WM	20.93				
			ALP20L460WM	21.16				
4	Mono c-Si PERC Module	ALP18L400WM (400Wp)	ALP20L465WM	21.39				
			ALP20L470WM	21.62				
			ALP20L475WM	21.85				
			ALP18L390WM	19.86				
			ALP18L395WM	20.11				
			ALP18L400WM	20.36				
5	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP18L405WM	20.62				
			ALP18L410WM	20.87				
			ALP18L415WM	21.13				
			ALP12L265WM	19.85				
			ALP12L270WM	20.22				
			ALP12L275WM	20.6				
			ALP12L280WM	20.97				
			ALP12L285WM	21.34				



F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 22nd March, 2024

To,

M/s. Credence Solar Panels Private Limited,
Plot No. 18 & 19, Survey No. 142/2,
Rajkot-Jamnagar Highway, Padadhari,
Rajkot, Gujarat, India-360110
Email id: operations@credencesolar.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Credence Solar Panels Private Limited- reg.

Sir,

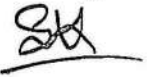
This is in reference to the application received from M/s. Credence Solar Panels Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

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. Credence Solar Panels Private Limited, Plot No. 18 & 19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat, India - 360110 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: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website.

Appendix-I

Name of Manufacturer	M/s. Credence Solar Panels Private Limited
Plant Address	Plot No. 18 & 19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat, India-360110
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	125 MW/Year
Applied Capacity	125 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB670-132 (670 Wp)	CS-QB655-132	21.08	Registration No.: R-72006165	132 (Half Cut Cells)	1500	Provisionally Enlisted
			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				
2	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB610-120 (610 Wp)	CS-QB595-120	21.01				
			CS-QB600-120	21.20				
			CS-QB605-120	21.37				
			CS-QB610-120	21.54				
			CS-QB615-120	21.72				
3	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB560-110 (560 Wp)	CS-QB620-120	21.90				
			CS-QB545-110	20.86				
			CS-QB550-110	21.05				
			CS-QB555-110	21.24				
			CS-QB560-110	21.43				
4	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570 Wp)	CS-QB565-110	21.62				
			CS-QB570-110	21.81				
			CS-HB545-156	19.66				
			CS-HB550-156	19.84				
			CS-HB555-156	20.02				
			CS-HB560-156	20.20				
			CS-HB565-156	20.38				
			CS-HB570-156	20.56				
			CS-HB575-156	20.74				
			CS-HB580-156	20.92				
5	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530 Wp)	CS-HB585-156	21.10				
			CS-HB590-156	21.28				
			CS-HB595-156	21.46				
			CS-HB505-144	19.70				
			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							

SD

F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 10th April, 2024

To,

M/s. Saatvik Green Energy Pvt. Ltd.
Village-Dubli, Tehsil-Barara,
District: Ambala-133101, Haryana, India.
Email id: pushpendra@saatvikgroup.com

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

Sir,

This is in reference to the application received from M/s. Saatvik Green 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 Saatvik Green Energy Pvt. Ltd., Village-Dubli, Tehsil-Barara, District-Ambala-133101, Haryana, India, 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: PS to Secretary / PS to JS (DDJ)

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. Saatvik Green Energy Pvt. Ltd.
Plant Address	Village- Dubli, Tehsil-Barara, District- Ambala-133101, Haryana
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	566 MW/Year
Applied Capacity	2500 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial N Type TOPCon Module	SGE425-108TGG (425 Wp)	SGE410-108TGG	20.97	Registration No.: R-91003670	108 (Half Cut Cells)	1500	Provisionally Enlisted
			SGE415-108TGG	21.22				
			SGE420-108TGG	21.48				
			SGE425-108TGG	21.74				
			SGE430-108TGG	21.99				
			SGE435-108TGG	22.25				
2	Bifacial N Type TOPCon Module	SGE475-120TGG (475 Wp)	SGE440-108TGG	22.51				
			SGE460-120TGG	21.21				
			SGE465-120TGG	21.46				
			SGE470-120TGG	21.68				
			SGE475-120TGG	21.91				
			SGE480-120TGG	22.14				
3	Bifacial N Type TOPCon Module	SGE520-132TGG (520 Wp)	SGE485-120TGG	22.37				
			SGE490-120TGG	22.60				
			SGE510-132TGG	21.46				
			SGE515-132TGG	21.67				
			SGE520-132TGG	21.88				
4	Bifacial N Type TOPCon Module	SGE575-144TGG (575 Wp)	SGE525-132TGG	22.09				
			SGE530-132TGG	22.30				
			SGE535-132TGG	22.51				
			SGE560-144TGG	21.68				
			SGE565-144TGG	21.87				
			SGE570-144TGG	22.06				
5	Bifacial N Type TOPCon Module	SGE615-156TGG (615 Wp)	SGE575-144TGG	22.26				
			SGE580-144TGG	22.45				
			SGE585-144TGG	22.64				
			SGE590-144TGG	22.84				
			SGE600-156TGG	21.47				
			SGE605-156TGG	21.65				
			SGE610-156TGG	21.83				
			SGE615-156TGG	22.01				
			SGE620-156TGG	22.19				
			SGE625-156TGG	22.37				



F. No. 283/54/2018- GRID SOLAR- Part (1)

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: 29th April, 2024

To,

M/s. Emmvee Photovoltaic Power Pvt. Ltd.

Sy. No. 66-70/3, Pemmanahalli Village,
Sompura Hobli, Dabaspet,
Nelamangala Taluk, Bengaluru Rural District,
Karnataka, India.
Email id: info@emmvee.in

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

Sir,

This is in reference to the application received from **M/s. Emmvee Photovoltaic Power 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 Emmvee Photovoltaic Power Pvt. Ltd.**, Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru Rural District, Karnataka, 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: PS to Secretary / PS to JS (DDJ)

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 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	671 MW/Year
Applied Capacity	671 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E525HC BT144 (525 Wp)	E550HCBT144	21.29	Registration No.: R-62002976	144 (Half Cut Cells)	1500	Provision-ally Enlisted
			E545HCBT144	21.10				
			E540HCBT144	20.90				
			E535HCBT144	20.71				
			E530HCBT144	20.52				
			E525HCBT144	20.32				
			E520HCBT144	20.13				
			E515HCBT144	19.94				
			E510HCBT144	19.74				
			E505HCBT144	19.55				
E500HCBT144	19.35							
2	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E495HC BT144 (495 Wp)	E495HCBT144	19.16		144 (Half Cut Cells)	1500	
3	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E490HC BT132 (490 Wp)	E500HCBT132	21.03		132 (Half Cut Cells)	1500	
			E495HCBT132	20.81				
			E490HCBT132	20.60				
			E485HCBT132	20.39				
4	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E430HC BT120 (430 Wp)	E480HCBT132	20.18		120 (Half Cut Cells)	1500	
			E450HCBT120	20.74				
			E445HCBT120	20.51				
			E440HCBT120	20.28				
			E435HCBT120	20.05				
			E430HCBT120	19.82				
5	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E395HC BT108 (395 Wp)	E425HCBT120	19.59		108 (Half Cut Cells)	1500	
			E420HCBT120	19.36				
			E405HCBT108	20.76				
			E400HCBT108	20.51				
			E395HCBT108	20.25				
6	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HC BG144-T (555 Wp)	E390HCBT108	19.99		144 (Half Cut Cells)	1500	
			E385HCBT108	19.74				
			E580HCBG144-T	22.45				
			E575HCBG144-T	22.26				
			E570HCBG144-T	22.06				
			E565HCBG144-T	21.87				
			E560HCBG144-T	21.68				
			E555HCBG144-T	21.48				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks	
			E550HCBG144-T	21.29	Registratio n No.: R- 62002976				
			E545HCBG144-T	21.10					
			E540HCBG144-T	20.90					
			E535HCBG144-T	20.71					
			E530HCBG144-T	20.52					
7	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32			144 (Half Cut Cells)	1500	
8	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T	22.29			132 (Half Cut Cells)	1500	
			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					
9	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E480HCBG120-T	22.13			120 (Half Cut Cells)	1500	
			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					
10	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T	22.30		108 (Half Cut Cells)	1500		
			E430HCBG108-T	22.04					
			E425HCBG108-T	21.79					
			E420HCBG108-T	21.53					
			E415HCBG108-T	21.28					
			E410HCBG108-T	21.02					
			E405HCBG108-T	20.76					
			E400HCBG108-T	20.51					
			E395HCBG108-T	20.25					

F. No. 283/54/2018- GRID SOLAR- Part (1)
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: 29th April, 2024

To

M/s. SASA Energy LLP
S.No. 193, Nichi Mandal, Morbi-Halvad Road,
Opp. Dargah, Morbi-363641,
Gujarat, India
Email id: sasaenrgyllp@gmail.com

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

Sir,

This is in reference to the application received from **M/s. SASA Energy 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. SASA Energy LLP**, S. No. 193, Nichi Mandal, Morbi-Halvad Road, Opp. Dargah, Morbi-363641, Gujarat, 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: PS to Secretary / PS to JS (DDJ)

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. SASA Energy LLP
Plant Address	S. No. 193, Nichi Mandal, Morbi-Halvad Road, Opp. Dargah, Morbi-363641, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	91 MW/Year
Applied Capacity	110 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Mono c-Si PERC Module	SASA265C-72 (265 Wp)	SASA255C-72	19.06	Registration No.: R-72005681	72 (Half cut Cells)	1500	Provisionally Enlisted
			SASA260C-72	19.43				
			SASA265C-72	19.80				
			SASA270C-72	20.18				
			SASA275C-72	20.55				
2	Mono c-Si PERC Module	SASA350C-96 (350 Wp)	SASA335C-96	19.06				
			SASA340C-96	19.34				
			SASA345C-96	19.63				
			SASA350C-96	19.91				
			SASA355C-96	20.20				
			SASA360C-96	20.48				
3	Mono c-Si PERC Module	SASA395C-108 (395 Wp)	SASA365C-96	20.76				
			SASA375C-108	19.11				
			SASA380C-108	19.37				
			SASA385C-108	19.62				
			SASA390C-108	19.88				
			SASA395C-108	20.13				
			SASA400C-108	20.39				
			SASA405C-108	20.64				
4	Mono c-Si PERC Module	SASA435C-120 (435 Wp)	SASA410C-108	20.90				
			SASA415C-120	19.11				
			SASA420C-120	19.34				
			SASA425C-120	19.57				
			SASA430C-120	19.80				
SASA435C-120	20.03							

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
5	Mono c-Si PERC Module	SASA480C-132 (480 Wp)	SASA440C-120	20.26	Registration No.: R-72005681	132 (Half Cut Cells)	1500	
			SASA445C-120	20.49				
			SASA450C-120	20.72				
			SASA455C-120	20.95				
		SASA460C-132	19.41					
		SASA465C-132	19.62					
		SASA470C-132	19.83					
		SASA475C-132	20.04					
		SASA480C-132	20.25					
		SASA485C-132	20.46					
		SASA490C-132	20.67					
		SASA495C-132	20.88					
		SASA500C-132	21.10					
6	Mono c-Si PERC Module	SASA525C-144 (525 Wp)	SASA500C-144	19.35	Registration No.: R-72005681	144 (Half Cut Cells)	1500	
			SASA505C-144	19.55				
			SASA510C-144	19.74				
			SASA515C-144	19.94				
			SASA520C-144	20.13				
			SASA525C-144	20.32				
			SASA530C-144	20.52				
			SASA535C-144	20.71				
			SASA540C-144	20.90				
			SASA545C-144	21.09				
			SASA550C-144	21.29				

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: 24th May, 2024

To,

M/s. Vikram Solar Limited
B1000A, B1100C, Indospace Industrial Park,
Panruti Pvt Ltd., Survey No-2/A, Sriperumbudur Taluk,
Panaiyyur, Kanchipuram, Tamil Nadu-631605, India
Email id: madhab.das@vikramsolar.com

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

Sir,

This is in reference to the application received from M/s. Vikram Solar 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 Vikram Solar Limited, B1000A, B1100C, Indospace Industrial Park, Panruti Pvt Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyyur, Kanchipuram, Tamil Nadu-631605, India 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 / PPS to JS (DDJ)

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. Vikram Solar Limited
Plant Address	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyyur, Kanchipuram, Tamil Nadu-631605, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1099 MW/Year
Applied Capacity	1500 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. Of Cells in Module	System Voltage (V)	Remarks
1	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.78.585.05 (585 Wp)	PARADEA VSMDH.78.590.05	21.18	Registration No.: R-61002070	156 (Half Cut Cells)	1500	Provisionally Enlisted
			PARADEA VSMDH.78.585.05	21.00				
			PARADEA VSMDH.78.580.05	20.82				
2	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.72.560.05 (560 Wp)	PARADEA VSMDH.72.565.05	21.91				
			PARADEA VSMDH.72.560.05	21.72				
			PARADEA VSMDH.72.555.05	21.52				
3	Bifacial n Type TOPCon Modules	HYPER SOL VSMDH.72.565.05 (565 Wp)	HYPER SOL VSMDH.72.575.05	22.26				
			HYPER SOL VSMDH.72.570.05	22.06				
			HYPER SOL VSMDH.72.565.05	21.87				
			HYPER SOL VSMDH.72.560.05	21.68				

