

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 6th January, 2025

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 26.12.2024.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXXIII 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_registrationc.do?hmode=getLimsData

8. This issues with the approval of competent authority.

(Sanjay G. Karndhar)
Scientist-E

E-mail: karndhar.sg@nic.in

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 6th January 2025)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
1	Emmvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalsuru Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72 E390M72 E395M72	19.20 19.45 19.70	72 (Full Cells)	1500	10.03.2023	09.03.2027												
					ii	Mono C-Si PERC Modules	E325M60 (325 Wp)	E320M60 E325M60 E330M60	19.04 19.34 19.64	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	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027												
								SS525144HCMP	20.35																
								SS530144HCMP	20.54																
								SS535144HCMP	20.74																
								SS540144HCMP	20.93																
								SS545144HCMP	21.13																
								SS550144HCMP	21.32																
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS555144HCMP	21.51																
								SS520144HCBP	20.16																
								SS525144HCBP	20.35																
								SS530144HCBP	20.54																
								SS535144HCBP	20.74																
								SS540144HCBP	20.93																
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SS535144HCMP (535Wp)	SS545144HCBP	21.13																
								SS550144HCMP	21.32																
3	M/s Solex Energy Ltd	Plot No. 131/A Phase-1, G.I.D.C, Vitthal Udyognagar, Anand, Gujarat	R-72002577	21	i	Mono C-Si PERC Modules	SESM24375 (375 Wp)	SESM24370	19.04	72 (Full Cells)	1000	10.03.2023	09.03.2027												
								SESM24375	19.30																
								SESM24380	19.55																
					ii	Mono C-Si PERC Modules	SES20CM120W320 (320 Wp)	SES20CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027												
								SES24CM144W375	19.01																
					iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W380	19.30	144 (Half Cells)	1000	10.03.2023	09.03.2027												
								SES24CM144W385	19.51																
								SES24CM144W385	19.51																
					4	Saatvik Green Energy Pvt. Ltd.	Village Dubli, Tehshil- Barara, Dist- Ambala -133101, Haryana	R-91003670	1740	i	Mono C-Si PERC Modules	SGE 190-36M (190 Wp)	SGE 190-36M	19.11	36 (Full Cells)	1000	10.03.2023	09.03.2027							
													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
																				SGE 280-54M	19.15				
										iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 285-54M	19.49	54 (Full Cells)	1000	10.03.2023	09.03.2027							
													SGE 310-60M	19.08											
										iv	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 315-60M	19.41	60 (Full Cells)	1500	10.03.2023	09.03.2027							
													SGE 370-72M	19.09											
v	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 375-72M	19.35						72 (Full Cells)	1500	10.03.2023	09.03.2027												
			SGE 380-72M	19.61																					
vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE555-156MHC	19.78						156 (Half Cut Cells)	1500	10.03.2023	09.03.2027												
			SGE560-156MHC	19.96																					
			SGE565-156MHC	20.14																					
			SGE570-156MHC	20.32																					
			SGE575-156MHC	20.50																					
			SGE580-156MHC	20.67																					
			SGE585-156MHC	20.85																					
vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE590-156MHC	21.03						144 (Half Cut Cells)	1500	10.03.2023	09.03.2027												
			SGE520-144MHC	20.13																					
			SGE525-144MHC	20.32																					
			SGE530-144MHC	20.52																					
			SGE535-144MHC	20.70																					
			SGE540-144MHC	20.90																					
			SGE545-144MHC	21.10																					
SGE550-144MHC	21.29																								
			SGE470-132MHC	19.78																					

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 Modules	SGE485-132MHC, (485 Wp)	SGE475-132MHC	20.01	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE480-132MHC	20.23				
								SGE485-132MHC	20.41				
								SGE490-132MHC	20.63				
								SGE495-132MHC	20.84				
								SGE500-132MHC	21.05				
					ix	Mono C-Si PERC Modules	SGE440-120MHC, (440 Wp)	SGE420-120MHC	19.37	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE425-120MHC	19.60				
								SGE430-120MHC	19.83				
								SGE435-120MHC	20.06				
								SGE440-120MHC	20.29				
								SGE445-120MHC	20.52				
					x	Mono C-Si PERC Modules	SGE395-108MHC, (395 Wp)	SGE450-120MHC	20.76	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE455-120MHC	20.99				
								SGE380-108MHC	19.44				
								SGE385-108MHC	19.69				
								SGE390-108MHC	19.95				
								SGE395-108MHC	20.20				
xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE400-108MHC	20.46	72 (Full Cell)	1500	10.03.2023	09.03.2027					
			SGE405-108MHC	20.71									
			SGE410-108MHC	20.98									
			SGE 385-72M	19.22									
xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SGE535-144MBHC (535 Wp)	SGE 390-72M	19.47	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE 395-72M	19.72									
			SGE 400-72M	19.97									
			SGE525-144MBHC	20.32									
			SGE530-144MBHC	20.52									
			SGE535-144MBHC	20.71									
xiii	Bifacial N Type TOPCon Module	SGE425-108TGG (425 Wp)	SGE540-144MBHC	20.90	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE545-144MBHC	21.10									
			SGE550-144MBHC	21.29									
			SGE410-108TGG	20.97									
			SGE415-108TGG	21.22									
			SGE420-108TGG	21.48									
xiv	Bifacial N Type TOPCon Module	SGE475-120TGG (475 Wp)	SGE425-108TGG	21.74	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE430-108TGG	21.99									
			SGE435-108TGG	22.25									
			SGE440-108TGG	22.51									
			SGE460-120TGG	21.21									
			SGE465-120TGG	21.46									
xv	Bifacial N Type TOPCon Module	SGE520-132TGG (520 Wp)	SGE470-120TGG	21.68	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE475-120TGG	21.91									
			SGE480-120TGG	22.14									
			SGE485-120TGG	22.37									
			SGE490-120TGG	22.60									
			SGE510-132TGG	21.46									
xvi	Bifacial N Type TOPCon Module	SGE575-144TGG (575 Wp)	SGE515-132TGG	21.67	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE520-132TGG	21.88									
			SGE525-132TGG	22.09									
			SGE530-132TGG	22.30									
			SGE535-132TGG	22.51									
			SGE560-144TGG	21.68									
xvii	Bifacial N Type TOPCon Module	SGE615-156TGG (615 Wp)	SGE565-144TGG	21.87	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE570-144TGG	22.06									
			SGE575-144TGG	22.26									
			SGE580-144TGG	22.45									
			SGE585-144TGG	22.64									
			SGE590-144TGG	22.84									
xviii	Mono c-Si PERC Module	SGE500-144 MHC (500 Wp)	SGE600-156TGG	21.47	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE605-156TGG	21.65									
			SGE610-156TGG	21.83									
			SGE615-156TGG	22.01									
			SGE620-156TGG	22.19									
			SGE625-156TGG	22.37									
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleswar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230,	R-72003140	250	i	Mono C-Si PERC Modules	NSM375 (375 Wp)	SGE500-144 MHC	19.35	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM370	19.07	72 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM375	19.33				
								NSM380	19.58				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
		Gujarat			ii	Mono C-Si PERC Modules	NSM320-60 (320 Wp)	NSM310-60 NSM315-60 NSM320-60 NSM325-60 NSM330-60 NSM340-66	19.09 19.40 19.71 20.02 20.33 19.03	60 (Full Cells)	1500	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	NSM350-66 (350 Wp)	NSM345-66 NSM350-66 NSM355-66	19.31 19.59 19.87	66 (Full Cells)	1500	10.03.2023	09.03.2027
					iv	Mono PERC C-Si Module	NSM580-156 (580 Wp)	NSM570-156 NSM575-156 NSM580-156 NSM585-156	20.39 20.57 20.74 20.92	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					v	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM525-144 NSM530-144 NSM535-144 NSM540-144 NSM545-144 NSM550-144 NSM555-144 NSM560-144	20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					vi	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM480-132 NSM485-132 NSM490-132 NSM495-132 NSM500-132	20.21 20.42 20.64 20.85 21.06	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					vii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM435-120 NSM440-120 NSM445-120 NSM450-120 NSM455-120	20.09 20.33 20.56 20.79 21.02	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					viii	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM390-108 NSM395-108 NSM400-108 NSM405-108 NSM410-108	19.96 20.21 20.47 20.72 20.98	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					ix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM350-96 NSM355-96 NSM360-96 NSM365-96	20.06 20.35 20.64 20.92	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM260-72 NSM265-72 NSM270-72 NSM275-72	19.62 20.00 20.38 20.76	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xi	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM460-156 NSM465-156 NSM470-156 NSM475-156 NSM480-156 NSM485-156	19.65 19.86 20.07 20.29 20.50 20.72	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM435-144 NSM440-144 NSM445-144 NSM450-144 NSM455-144 NSM460-144 NSM465-144	20.08 20.32 20.78 20.55 21.01 21.64 21.47	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xiii	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM395-132 NSM400-132 NSM405-132 NSM410-132 NSM415-132	19.85 20.10 20.35 20.60 20.85	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xiv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM360-120 NSM365-120 NSM370-120 NSM375-120	19.84 20.11 20.39 20.66	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xv	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM320-108 NSM325-108 NSM330-108 NSM335-108 NSM340-108	19.52 19.82 20.13 20.43 20.74	108 (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)		
					xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM285-96	19.47	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027		
								NSM290-96	19.81						
								NSM295-96	20.15						
								NSM300-96	20.49						
					xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	NSM215-72	19.32	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027		
								NSM220-72	19.77						
								NSM225-72	20.22						
								NSM385	19.40						
					xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	NSM390	19.65	72 (Full Cells)	1500	10.03.2023	09.03.2027		
								NSM395	19.90						
								NSM400	20.15						
								NSM400	20.15						
					xix	Mono PERC C-Si Module	NSM-WBPR64 - MIO-160(160Wp)	NSM-WBPR64 - MIO-160	19.82	64 (Half Cut Cells)	1000	10.03.2023	09.03.2027		
					xx	Mono PERC C-Si Module	NSM-WBPR60 - MIO-225(225Wp)	NSM-WBPR60 - MIO-225	20.28	60 (Half Cut Cells)	1000				
					xxi	Mono PERC C-Si Module	NSM-WBPR56 - MIO-210(210Wp)	NSM-WBPR56 - MIO-210	20.26	56(Half Cut Cells)	1000				
					xxii	Mono PERC C-Si Module	NSM-WBPR52 - MIO-200(200Wp)	NSM-WBPR52 - MIO-200	20.72	52 (Half cut Cells)	1000				
					xxiii	Mono PERC C-Si Module	NSM-WBPR48 - MIO-180(180Wp)	NSM-WBPR48 - MIO-180	20.13	48 (Half cut Cells)	1000				
					xxiv	Mono PERC C-Si Module	NSM-WBPR44 - MIO-110(110Wp)	NSM-WBPR44 - MIO-110	19.38	44 (Half Cut Cells)	1000				
					xxv	Mono PERC C-Si Module	NSM-WBPR44 - MIO-165(165Wp)	NSM-WBPR44 - MIO-160	20.05	44 (Half Cut Cells)	1000				
					xxvi	Mono PERC C-Si Module	NSM-WBPR40 - MIO-150(150Wp)	NSM-WBPR40 - MIO-150	19.95	40 (Half Cut Cells)	1000				
xxvii	Mono PERC C-Si Module	NSM-WBPR36 - MIO-90(90Wp)	NSM-WBPR36 - MIO-90	19.07	36 (Half Cut Cells)	1000									
xxviii	Mono PERC C-Si Module	NSM-WBPR36 - MIO-135(135Wp)	NSM-WBPR36 - MIO-135	19.83	36 (Half Cut Cells)	1000									
xxix	Mono PERC C-Si Module	NSM-WBPR32 - MIO-120(120Wp)	NSM-WBPR32 - MIO-120	19.68	32 (Half Cut Cells)	1000									
6	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	R-93005959	1162	i	Mono C-Si PERC Modules	JH-440M, (440Wp)	JH-420M	19.26	120 (Half-Cut Cells)	1500			17.08.2023	16.08.2027
								JH-425M	19.49						
								JH-430M	19.71						
								JH-435M	19.94						
								JH-440M	20.17						
								JH-445M	20.40						
								JH-450M	20.63						
								JH-455M	20.86						
								JH-460M	21.09						
								JH-470M	19.66						
								JH-475M	19.87						
								JH-480M	20.08						
					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						
								JH-515M	19.85						
								JH-520M	20.04						
								JH-525M	20.23						
								JH-530M	20.43						
								JH-535M	20.62						
								JH-540M	20.81						
					iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-545M	21.00	144 (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						
								JH-595M	21.21						
								JH-600M	21.38						
								JP-H385M	19.37						
								JP-H390M	19.62						
								JP-H395M	19.87						
								JP-H400M	20.12						
					iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JP-H405M	20.37	72 (Full Cells)	1500	17.08.2023	16.08.2027		
								JP-H380M	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						
					v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JH-395BB	20.25	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027		
								JH-385M	19.53						
								JH-390M	19.79						
								JH-395M	20.04						
								JH-400M	20.29						
								JH-405M	20.55						
								JH-410M	20.88						
								JH-415M	21.06						
								JH-380BB	19.48						
								JH-385BB	19.73						
								JH-390BB	19.99						
								JH-395BB	20.25						
vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JH-395BB	20.25	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027							
			JH-385M	19.53											
			JH-390M	19.79											
			JH-395M	20.04											
			JH-400M	20.29											
			JH-405M	20.55											
			JH-410M	20.88											
			JH-415M	21.06											
			JH-380BB	19.48											
			JH-385BB	19.73											
			JH-390BB	19.99											
			JH-395BB	20.25											
vii	Mono c-Si Bifacial PERC	IH-400RR	JH-395BB	20.25	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027							
			JH-385M	19.53											
			JH-390M	19.79											
			JH-395M	20.04											
			JH-400M	20.29											
			JH-405M	20.55											
			JH-410M	20.88											
			JH-415M	21.06											
			JH-380BB	19.48											
			JH-385BB	19.73											
			JH-390BB	19.99											
			JH-395BB	20.25											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Module		JH-400BB	20.50				
								JH-405BB	20.76				
								JH-410BB	21.01				
								JH-415BB	21.27				
								JH-420BB	19.39				
					viii	Mono c-Si Bifacial PERC Module	JH-440BB	JH-425BB	19.62	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								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				
					ix	Mono c-Si Bifacial PERC Module	JH-490BB	JH-480BB	20.23	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								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				
					x	Mono c-Si Bifacial PERC Module	JH-535BB	JH-535BB	20.73	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								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				
					xi	Mono c-Si Bifacial PERC Module	JH-400BT	JH-395BT	20.25	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								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				
					xii	Mono c-Si Bifacial PERC Module	JH-440BT	JH-435BT	20.08	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								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				
					xiii	Mono c-Si Bifacial PERC Module	JH-490BT	JH-495BT	20.86	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								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				
					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				
								JH-555BT	21.50				
								JH-380BW	19.48				
								JH-385BW	19.73				
								JH-390BW	19.99				
					xv	Mono c-Si Bifacial PERC Module	JH-400BW	JH-395BW	20.25	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-400BW	20.50				
								JH-405BW	20.76				
								JH-410BW	21.01				
								JH-415BW	21.27				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvi	Mono c-Si Bifacial PERC Module	JH-440BW	JH-420BW	19.39	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
				JH-425BW				19.62					
				JH-430BW				19.85					
				JH-435BW				20.08					
				JH-440BW				20.31					
				JH-445BW				20.54					
				JH-450BW				20.77					
				JH-455BW				21.00					
				JH-460BW				21.23					
				JH-475BW				20.02					
				xvii	Mono c-Si Bifacial PERC Module	JH-490BW	JH-480BW	20.23	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
							JH-485BW	20.44					
							JH-490BW	20.65					
							JH-495BW	20.86					
							JH-500BW	21.07					
							JH-505BW	21.29					
							JH-510BW	21.50					
							JH-515BW	21.71					
							JH-520BW	20.15					
							JH-525BW	20.34					
				xviii	Mono c-Si Bifacial PERC Module	JH-535BW	JH-530BW	20.53	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
							JH-535BW	20.73					
							JH-540BW	20.92					
							JH-545BW	21.11					
							JH-550BW	21.31					
							JH-555BW	21.50					
							JN-400BT	20.50					
							JN-405BT	20.76					
							JN-410BT	21.01					
							JN-415BT	21.27					
				xix	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-420BT (420 Wp)	JN-420BT	21.53	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
							JN-425BT	21.78					
							JN-430BT	22.04					
							JN-435BT	22.29					
							JN-440BT	22.55					
							JN-445BT	20.54					
							JN-450BT	20.77					
							JN-455BT	21.00					
							JN-460BT	21.23					
							JN-465BT	21.46					
				xx	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-470BT (470 Wp)	JN-470BT	21.70	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
							JN-475BT	21.93					
							JN-480BT	22.16					
							JN-485BT	22.39					
							JN-490BT	22.62					
							JN-495BT	20.86					
							JN-500BT	21.07					
							JN-505BT	21.28					
							JN-510BT	21.50					
							JN-515BT	21.71					
				xxi	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-520BT (520 Wp)	JN-520BT	21.92	132 (Half Cut cells)	1500	17.08.2023	16.08.2027	
							JN-525BT	22.13					
							JN-530BT	22.34					
							JN-535BT	22.55					
							JN-540BT	22.76					
							JN-545BT	21.12					
							JN-550BT	21.31					
							JN-555BT	21.50					
							JN-560BT	21.70					
							JN-565BT	21.89					
				xxii	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-570BT (570 Wp)	JN-570BT	22.08	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
							JN-575BT	22.28					
							JN-580BT	22.47					
							JN-585BT	22.66					
							JN-590BT	22.86					
							JN-400G	20.50					
							JN-405G	20.76					
							JN-410G	21.01					
							JN-415G	21.27					
							JN-420G	21.53					
				xxiii	N-Type TOPCon Module (Glass to Glass)	JN-420G (420 Wp)	JN-425G	21.78	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027	
							JN-430G	22.04					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					xxiv	N-Type TOPCon Module (Glass to Glass)	JN-470G (470 Wp)	JN-435G	22.29	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
								JN-445G	20.54									
								JN-450G	20.77									
								JN-455G	21.00									
								JN-460G	21.23									
								JN-465G	21.46									
								JN-470G	21.70									
								JN-475G	21.93									
								JN-480G	22.16									
								JN-485G	22.39									
								JN-495G	20.86									
								JN-500G	21.07									
								JN-505G	21.28									
								JN-510G	21.50									
								xxv	N-Type TOPCon Module (Glass to Glass)					JN-520G (520 Wp)	JN-515G	21.71		
					JN-520G	21.92												
					JN-525G	22.13												
					JN-530G	22.34												
					JN-545G	21.12												
					JN-550G	21.31												
					xxvi	N-Type TOPCon Module (Glass to Glass)	JN-570G (570 Wp)	JN-555G	21.50									
								JN-560G	21.70									
								JN-565G	21.89									
								JN-570G	22.08									
								JN-575G	22.28									
								JN-580G	22.47									
					7	Insolation Energy Pvt. Ltd	Khasra No 766/2, 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
										ii	Mono c-Si PERC Module	INA72MP385	INA72MP395	19.80	72 (Full Cells)	1500	29.09.2023	28.09.2027
												INA72MP390	19.55					
												INA72MP385	19.30					
							INA72MP380	19.05										
8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	710	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) (595Wp)	G2XBifacial1734-HAE	20.20	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
									G2XBifacial1741-HAE					20.38				
									G2XBifacial1747-HAE					20.56				
									G2XBifacial1754-HAE					20.74				
									G2XBifacial1760-HAE					20.92				
									G2XBifacial1767-HAE					21.10				
					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				
					iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)	G2XBifacial1663-HAD	19.74	132 (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				
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1695-HAD	20.71	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
									G2XBifacial1702-HAD					20.90				
									G2XBifacial1708-HAD					21.10				
									G2XBifacial1715-HAD					21.29				
									G2XBifacial1656-HAB					21.13				
									G2XBifacial1650-HAB					20.92				
					v	Mono c-Si PERC Modules	G2XBifacial1526-HAY (405 Wp) (390Wp-415Wp)	G2XBifacial1637-HAB	20.50	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027					
									G2XBifacial1630-HAB					20.29				
									G2XBifacial1598-HAA					21.09				
									G2XBifacial1591-HAA					20.87				
									G2XBifacial1585-HAA					20.64				
									G2XBifacial1578-HAA					20.41				
vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)	G2XBifacial1572-HAA	20.18	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027										
				G2XBifacial1539-HAY					21.06									
				G2XBifacial1533-HAY					20.80									
				G2XBifacial1526-HAY					20.55									
				G2XBifacial1520-HAY					20.30									
				G2XBifacial1507-HAY					19.79									
vii	Mono c-Si PERC Modules	G2X590-HAE (590 Wp)	G2XBifacial1474-HAX	20.71	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027										
				G2XBifacial1468-HAX					20.43									
				G2XBifacial1461-HAX					20.14									
				G2XBifacial1455-HAX					19.86									
				G2X565-HAE					20.20									
				G2X570-HAE					20.38									
G2X575-HAE	20.56																	
G2X580-HAE	20.74																	
G2X585-HAE	20.92																	

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)
								G2X590-HAE	21.10				
								G2X595-HAE	21.28				
								G2X510-HAD	19.74				
								G2X515-HAD	19.94				
								G2X520-HAD	20.13				
								G2X525-HAD	20.32				
					viii	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X530-HAD	20.52	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X535-HAD	20.71				
								G2X540-HAD	20.90				
								G2X545-HAD	21.10				
								G2X550-HAD	21.29				
								G2X505-HAB	21.13				
								G2X500-HAB	20.92				
					ix	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X495-HAB	20.71	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X490-HAB	20.50				
								G2X485-HAB	20.29				
								G2X460-HAA	21.09				
								G2X455-HAA	20.87				
								G2X450-HAA	20.64				
					x	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X445-HAA	20.41	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X440-HAA	20.18				
								G2X415-HAY	21.06				
								G2X410-HAY	20.80				
								G2X405-HAY	20.55				
								G2X400-HAY	20.30				
								G2X390-HAY	19.79				
								G2X365-HAX	20.71				
								G2X360-HAX	20.43				
								G2X355-HAX	20.14				
								G2X350-HAX	19.86				
								GS-410-AAA	19.03				
								GS-415-AAA	19.26				
								GS-420-AAA	19.49				
								GS-425-AAA	19.72				
								GS-430-AAA	19.95				
								GS-380-AAB	19.13				
								GS-385-AAB	19.39				
								GS-390-AAB	19.64				
								GS-395-AAB	19.89				
								GS-400-AAB	20.14				
								GS-405-AAB	20.39				
								GS-410-AAB	20.64				
								GS-415-AAB	20.90				
								GS-420-AAB	21.15				
								GS-350-AAC	19.13				
								GS-355-AAC	19.40				
								GS-360-AAC	19.67				
								GS-365-AAC	19.95				
								GS-320-AAD	19.16				
								GS-325-AAD	19.46				
								GS-330-AAD	19.76				
								GS-335-AAD	20.06				
								GS-290-AAE	19.21				
								GS-295-AAE	19.54				
								GS-300-AAE	19.87				
								GS-260-AAF	19.26				
								GS-265-AAF	19.63				
								GS-230-AAG	19.33				
								GS-195-AAH	19.26				
								GS-200-AAH	19.75				
								GS-205-AAH	20.25				
								GS-210-AAH	20.74				
								G2X590-HAD	22.82				
								G2X1767-UHAD	22.78				
								G2X588-HAD	22.74				
								G2X587-HAD	22.70				
								G2X1758T-UHAD	22.66				

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)
					xxi	N-Type TOPCon Module	G2X575-HAD (575Wp) (551Wp-590Wp)	G2X585-HAD 22.63 G2X1752-UHAD 22.59 G2X583-HAD 22.55 G2X582-HAD 22.51 G2X1743T-UHAD 22.47 G2X580-HAD 22.43 G2X1737-UHAD 22.39 G2X578-HAD 22.36 G2X577-HAD 22.32 G2X1728T-UHAD 22.28 G2X575-HAD 22.24 G2X1722-UHAD 22.20 G2X573-HAD 22.16 G2X572-HAD 22.12 G2X1713T-UHAD 22.08 G2X570-HAD 22.05 G2X1707-UHAD 22.01 G2X568-HAD 21.97 G2X567-HAD 21.93 G2X1698T-UHAD 21.89 G2X565-HAD 21.85 G2X1692-UHAD 21.81 G2X563-HAD 21.78 G2X562-HAD 21.74 G2X1683T-UHAD 21.70 G2X560-HAD 21.66 G2X1677-UHAD 21.62 G2X558-HAD 21.58 G2X557-HAD 21.54 G2X1668T-UHAD 21.50 G2X555-HAD 21.47 G2X1662-UHAD 21.43 G2X553-HAD 21.39 G2X552-HAD 21.35 G2X1653T-UHAD 21.31 G2X495-HAA 22.70 G2X1482-UHAA 22.65 G2X493-HAA 22.61 G2X492-HAA 22.56 G2X1473T-UHAA 22.52 G2X490-HAA 22.47 G2X1467-UHAA 22.42 G2X488-HAA 22.38 G2X487-HAA 22.33 G2X1458T-UHAA 22.29 G2X485-HAA 22.24 G2X1452-UHAA 22.19 G2X483-HAA 22.15 G2X482-HAA 22.10 G2X1443T-UHAA 22.06 G2X480-HAA 22.01 G2X1437-UHAA 21.97 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 G2X450-HAY 22.83 G2X1347-UHAY 22.78	22.63	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxii	N-Type TOPCon Module	G2X480-HAA (480 Wp) (461Wp-495Wp)	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 G2X450-HAY 22.83 G2X1347-UHAY 22.78	22.70	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1422-UHAA (474Wp) (451Wp - 495Wp)	G2G1428NB-UHAA 21.83 G2G1425-HAA 21.78 G2G1422-UHAA 21.74 G2G1419N-UHAA 21.69 G2G1416B-UHAA 21.64 G2G1413NB-UHAA 21.60 G2G1410-HAA 21.55 G2G1407-UHAA 21.51 G2G1404N-UHAA 21.46 G2G1401B-UHAA 21.42 G2G1398NB-UHAA 21.37 G2G1395-HAA 21.32 G2G1392-UHAA 21.28 G2G1389N-UHAA 21.23 G2G1386B-UHAA 21.19 G2G1383NB-UHAA 21.14 G2G1380-HAA 21.09 G2G1377-UHAA 21.05 G2G1374N-UHAA 21.00 G2G1371B-UHAA 20.96 G2G1368NB-UHAA 20.91 G2G1365-HAA 20.87 G2G1362-UHAA 20.82 G2G1359N-UHAA 20.77 G2G1356B-UHAA 20.73 G2G1353NB-UHAA 20.68	21.83	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxviii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1335-HAA (445Wp) (440Wp - 450Wp)	G2G1350-HAA 20.64 G2G1347-UHAA 20.59 G2G1344N-UHAA 20.54 G2G1341B-UHAA 20.50 G2G1338NB-UHAA 20.45 G2G1335-HAA 20.41 G2G1332-UHAA 20.36 G2G1329N-UHAA 20.31 G2G1326B-UHAA 20.27 G2G1323NB-UHAA 20.22 G2G1320-HAA 20.18	20.64	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxix	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1290-HAY (430Wp) (410Wp - 450Wp)	G2G1350-HAY 22.83 G2G1347-UHAY 22.78 G2G1344N-UHAY 22.73 G2G1341B-UHAY 22.68 G2G1338NB-UHAY 22.63 G2G1335-HAY 22.58 G2G1332-UHAY 22.53 G2G1329N-UHAY 22.48 G2G1326B-UHAY 22.43 G2G1323NB-UHAY 22.38 G2G1320-HAY 22.32 G2G1317-UHAY 22.27 G2G1314N-UHAY 22.22 G2G1311B-UHAY 22.17 G2G1308NB-UHAY 22.12 G2G1305-HAY 22.07 G2G1302-UHAY 22.02 G2G1299N-UHAY 21.97 G2G1296B-UHAY 21.92 G2G1293NB-UHAY 21.87 G2G1290-HAY 21.82 G2G1287-UHAY 21.77 G2G1284N-UHAY 21.72 G2G1281B-UHAY 21.67 G2G1278NB-UHAY 21.61 G2G1275-HAY 21.56 G2G1272-UHAY 21.51 G2G1269N-UHAY 21.46 G2G1266B-UHAY 21.41 G2G1263NB-UHAY 21.36 G2G1260-HAY 21.31 G2G1257-UHAY 21.26 G2G1254N-UHAY 21.21 G2G1251B-UHAY 21.16 G2G1248NB-UHAY 21.11	22.83	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2G1245-HAY	21.06				
								G2G1230-HAY	20.80				
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1185-HAY (395Wp) (390Wp - 405Wp)	G2G1215-HAY	20.55	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2G1200-HAY	20.30					
							G2G1185-HAY	20.04					
							G2G1170-HAY	19.79					
							G2G1200-HAX	22.70					
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1155-HAX (385Wp) (371Wp - 400Wp)	G2G1197-UHAX	22.64	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2G1194N-UHAX	22.58					
							G2G1191B-UHAX	22.53					
							G2G1188NB-UHAX	22.47					
							G2G1185-HAX	22.41					
							G2G1182-UHAX	22.36					
							G2G1179N-UHAX	22.30					
							G2G1176B-UHAX	22.24					
							G2G1173NB-UHAX	22.19					
							G2G1170-HAX	22.13					
							G2G1167-UHAX	22.07					
							G2G1164N-UHAX	22.02					
							G2G1161B-UHAX	21.96					
							G2G1158NB-UHAX	21.90					
							G2G1155-HAX	21.85					
							G2G1152-UHAX	21.79					
							G2G1149N-UHAX	21.73					
							G2G1146B-UHAX	21.68					
							G2G1143NB-UHAX	21.62					
							G2G1140-HAX	21.56					
							G2G1125-HAX	21.28					
							G2G1122-UHAX	21.22					
							G2G1119N-UHAX	21.17					
							G2G1116B-UHAX	21.11					
							G2G1113NB-UHAX	21.05					
							G2G1110-HAX	21.00					
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1065-HAX (355Wp) (340Wp - 370Wp)	G2G1107-UHAX	20.94	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
							G2G1104N-UHAX	20.88					
							G2G1101B-UHAX	20.83					
							G2G1098NB-UHAX	20.77					
							G2G1095-HAX	20.71					
							G2G1092-UHAX	20.66					
							G2G1089N-UHAX	20.60					
							G2G1086B-UHAX	20.54					
							G2G1083NB-UHAX	20.49					
							G2G1080-HAX	20.43					
							G2G1077-UHAX	20.37					
							G2G1074N-UHAX	20.32					
							G2G1071B-UHAX	20.26					
							G2G1068NB-UHAX	20.20					
							G2G1065-HAX	20.14					
							G2G1062-UHAX	20.09					
							G2G1059N-UHAX	20.03					
							G2G1056B-UHAX	19.97					
							G2G1053NB-UHAX	19.92					
							G2G1050-HAX	19.86					
							G2G1035-HAX	19.58					
							G2G1020-HAX	19.29					
							G2G1050-HAC	22.53					
							G2G1047-UHAC	22.46					
							G2G1044N-UHAC	22.40					
							G2G1041B-UHAC	22.34					
							G2G1038NB-UHAC	22.27					
							G2G1035-HAC	22.21					
							G2G1032-UHAC	22.14					
							G2G1029N-UHAC	22.08					
							G2G1026B-UHAC	22.01					
							G2G1023NB-UHAC	21.95					
							G2G1020-HAC	21.88					
							G2G1017-UHAC	21.82					
							G2G1014N-UHAC	21.76					
							G2G1011B-UHAC	21.69					
							G2G1008NB-UHAC	21.63					
							G2G1005-HAC	21.56					
							G2G1002-UHAC	21.50					
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1005-HAC (335Wp) (321Wp - 350Wp)			84 (Half Cut Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2G999N-UHAC	21.43				
								G2G996B-UHAC	21.37				
								G2G993NB-UHAC	21.31				
								G2G990-HAC	21.24				
								G2G987-UHAC	21.18				
								G2G984N-UHAC	21.11				
								G2G981B-UHAC	21.05				
								G2G978NB-UHAC	20.98				
								G2G975-HAC	20.92				
								G2G972-UHAC	20.86				
								G2G969N-UHAC	20.79				
								G2G966B-UHAC	20.73				
								G2G963NB-UHAC	20.66				
								G2G960-HAC	20.60				
					xxxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G930-HAC (310Wp) (300Wp - 320Wp)	G2G957-UHAC	20.53	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G954N-UHAC	20.47				
								G2G951B-UHAC	20.40				
								G2G948NB-UHAC	20.34				
								G2G945-HAC	20.28				
								G2G942-UHAC	20.21				
								G2G939N-UHAC	20.15				
								G2G936B-UHAC	20.08				
								G2G933NB-UHAC	20.02				
								G2G930-HAC	19.95				
								G2G915-HAC	19.63				
								G2G912-UHAC	19.57				
								G2G909N-UHAC	19.50				
								G2G906B-UHAC	19.44				
								G2G903NB-UHAC	19.37				
								G2G900-HAC	19.31				
					xxxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G885-HAF (295Wp) (281Wp - 305Wp)	G2G915-HAF	22.68	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G912-UHAF	22.60				
								G2G909N-UHAF	22.53				
								G2G906B-UHAF	22.45				
								G2G903NB-UHAF	22.38				
								G2G900-HAF	22.31				
								G2G897-UHAF	22.23				
								G2G894N-UHAF	22.16				
								G2G891B-UHAF	22.08				
								G2G888NB-UHAF	22.01				
								G2G885-HAF	21.93				
								G2G882-UHAF	21.86				
								G2G879N-UHAF	21.79				
								G2G876B-UHAF	21.71				
								G2G873NB-UHAF	21.64				
								G2G870-HAF	21.56				
								G2G867-UHAF	21.49				
								G2G864N-UHAF	21.41				
								G2G861B-UHAF	21.34				
								G2G858NB-UHAF	21.27				
								G2G855-HAF	21.19				
								G2G852-UHAF	21.12				
								G2G849N-UHAF	21.04				
								G2G846B-UHAF	20.97				
								G2G843NB-UHAF	20.89				
					xxxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G810-HAF (270Wp) (260Wp - 280Wp)	G2G840-HAF	20.82	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2G825-HAF	20.45				
								G2G810-HAF	20.08				
								G2G795-HAF	19.70				
								G2G780-HAF	19.33				
								G2X1770N-UHAD	22.82				
								G2X1767N-UHAD	22.78				
								G2X1764N-UHAD	22.74				
								G2X1761N-UHAD	22.70				
								G2X1758N-UHAD	22.66				
								G2X1755N-UHAD	22.63				
								G2X1752N-UHAD	22.59				
								G2X1749N-UHAD	22.55				
								G2X1746N-UHAD	22.51				
								G2X1743N-UHAD	22.47				
								G2X1740N-UHAD	22.43				
					xxxvii	Bifacial N-Type TOPCon Module	G2X1740N-UHAD (580Wp)	G2X1737N-UHAD	22.39	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027

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												From	To (subject to valid BIS Registration; else deemed to be delisted)	
						(Glass to Transparent Backsheet)	(567Wp - 590Wp)	G2X1734N-UHAD 22.35 G2X1731N-UHAD 22.32 G2X1728N-UHAD 22.28 G2X1725N-UHAD 22.24 G2X1722N-UHAD 22.20 G2X1719N-UHAD 22.16 G2X1716N-UHAD 22.12 G2X1713N-UHAD 22.08 G2X1710N-UHAD 22.04 G2X1707N-UHAD 22.01 G2X1704N-UHAD 21.97 G2X1701N-UHAD 21.93						
					xxxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1590N-UHAB (530Wp) (505Wp - 550Wp)	G2X1650N-UHAB 23.01 G2X1647N-UHAB 22.97 G2X1644N-UHAB 22.92 G2X1641N-UHAB 22.88 G2X1638N-UHAB 22.84 G2X1635N-UHAB 22.80 G2X1632N-UHAB 22.76 G2X1629N-UHAB 22.71 G2X1626N-UHAB 22.67 G2X1623N-UHAB 22.63 G2X1620N-UHAB 22.59 G2X1617N-UHAB 22.55 G2X1614N-UHAB 22.51 G2X1611N-UHAB 22.46 G2X1608N-UHAB 22.42 G2X1605N-UHAB 22.38 G2X1590N-UHAB 22.17 G2X1575N-UHAB 21.96 G2X1560N-UHAB 21.75 G2X1545N-UHAB 21.54 G2X1530N-UHAB 21.33 G2X1515N-UHAB 21.12	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027		
					xxxix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1455N-UHAA (485Wp) (470Wp - 500Wp)	G2X1500N-UHAA 22.93 G2X1497N-UHAA 22.88 G2X1494N-UHAA 22.84 G2X1491N-UHAA 22.79 G2X1488N-UHAA 22.74 G2X1485N-UHAA 22.70 G2X1482N-UHAA 22.65 G2X1479N-UHAA 22.61 G2X1476N-UHAA 22.56 G2X1473N-UHAA 22.51 G2X1470N-UHAA 22.47 G2X1467N-UHAA 22.42 G2X1464N-UHAA 22.38 G2X1461N-UHAA 22.33 G2X1458N-UHAA 22.29 G2X1455N-UHAA 22.24 G2X1440N-UHAA 22.01 G2X1425N-UHAA 21.78 G2X1410N-UHAA 21.55	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027		
					XL	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1320N-UHAY (440Wp) (425Wp - 450Wp)	G2X1350N-UHAY 22.83 G2X1347N-UHAY 22.78 G2X1344N-UHAY 22.73 G2X1341N-UHAY 22.68 G2X1338N-UHAY 22.63 G2X1335N-UHAY 22.58 G2X1332N-UHAY 22.53 G2X1329N-UHAY 22.48 G2X1326N-UHAY 22.43 G2X1323N-UHAY 22.37 G2X1320N-UHAY 22.32 G2X1305N-UHAY 22.07 G2X1290N-UHAY 21.82 G2X1275N-UHAY 21.56	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027		
					XLI	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1170N-UHAX (390Wp) (380Wp - 400Wp)	G2X1200N-UHAX 22.70 G2X1185N-UHAX 22.41 G2X1170N-UHAX 22.13 G2X1155N-UHAX 21.85 G2X1140N-UHAX 21.56	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027		

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					XLII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1035N-UHAC (345Wp - 350Wp)	G2X1050N-UHAC G2X1035N-UHAC G2X1020N-UHAC G2X1005N-UHAC	22.53 22.21 21.88 21.56	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					XLIII	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X885N-UHAF (295Wp - 305Wp)	G2X915N-UHAF G2X900N-UHAF G2X885N-UHAF G2X870N-UHAF G2X855N-UHAF	22.68 22.31 21.93 21.56 21.19	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	442	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	10.11.2023	09.11.2027
					ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA255MP48 NOVA260MP48	19.2 19.6	48 (Full Cell)	1500	10.11.2023	09.11.2027
					iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA315MP60 NOVA320MP60 NOVA325MP60 NOVA330MP60	19.2 19.5 19.8 20.1	60 (Full Cell)	1500	10.11.2023	09.11.2027
					iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA340MP66 NOVA345MP66 NOVA350MP66 NOVA355MP66 NOVA360MP66	19 19.3 19.6 19.9 20.1	66 (Full Cell)	1500	10.11.2023	09.11.2027
					v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA285MP54 NOVA290MP54 NOVA295MP54	19.2 19.5 19.9	54 (Full Cell)	1500	10.11.2023	09.11.2027
					vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA380MP72 NOVA385MP72 NOVA390MP72 NOVA395MP72	19.14 19.4 19.65 19.9	72 (Full Cells)	1500	10.11.2023	09.11.2027
					vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA380MP144 NOVA385MP144 NOVA390MP144 NOVA395MP144	19 19.3 19.5 19.8	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA335MP96 NOVA340MP96 NOVA345MP96 NOVA350MP96 NOVA355MP96 NOVA360MP96 NOVA365MP96	19.06 19.35 19.63 19.92 20.21 20.5 20.78	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA255MP72 NOVA260MP72 NOVA265MP72 NOVA270MP72 NOVA275MP72	19.06 19.45 19.81 20.19 20.57	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA375MP108 NOVA380MP108 NOVA385MP108 NOVA390MP108 NOVA395MP108 NOVA400MP108 NOVA405MP108	19.11 19.37 19.63 19.88 20.14 20.4 20.66	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA410MP108 NOVA415MP108	20.91 21.17	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA415MP120 NOVA420MP120 NOVA425MP120 NOVA430MP120 NOVA435MP120 NOVA440MP120 NOVA445MP120 NOVA450MP120 NOVA455MP120	19.11 19.34 19.57 19.8 20.03 20.26 20.49 20.72 20.95	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA460MP 120	21.18	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA455MP132 NOVA460MP132 NOVA465MP132	19.2 19.41 19.62				

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 PERC Modules	NOVA475MP132 (475 Wp)	NOVA470MP132	19.83	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA475MP132	20.04				
								NOVA480MP132	20.25				
								NOVA485MP132	20.46				
								NOVA490MP132	20.67				
					xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA495MP132	20.89	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA500MP132	21.1				
								NOVA505MP132	21.31				
								NOVA495MP144	19.16				
								NOVA500MP144	19.35				
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA505MP144	19.54	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								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				
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA265BF72 (265 Wp)	NOVA260BF72	19.43	72 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA265BF72	19.80				
								NOVA270BF72	20.18				
								NOVA275BF72	20.55				
					xix	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA355BF96 (355 Wp)	NOVA345BF96	19.63	96 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA350BF96	19.91				
								NOVA355BF96	20.20				
								NOVA360BF96	20.48				
								NOVA365BF96	20.77				
					xx	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA400BF108 (400 Wp)	NOVA380BF108	19.37	108 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								NOVA385BF108	19.62				
								NOVA390BF108	19.88				
								NOVA395BF108	20.13				
NOVA400BF108	20.39												
NOVA405BF108	20.64												
NOVA410BF108	20.90												
NOVA415BF108	21.15												
xxi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA440BF120 (440 Wp)	NOVA425BF120	19.57	120 (Half Cut Cell)	1500	10.11.2023	09.11.2027					
			NOVA430BF120	19.80									
			NOVA435BF120	20.03									
			NOVA440BF120	20.26									
			NOVA445BF120	20.49									
			NOVA450BF120	20.72									
			NOVA455BF120	20.95									
			NOVA460BF120	21.18									
xxii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA485BF132 (485 Wp)	NOVA465BF132	19.58	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027					
			NOVA470BF132	19.79									
			NOVA475BF132	20.00									
			NOVA480BF132	20.21									
			NOVA485BF132	20.42									
			NOVA490BF132	20.63									
			NOVA495BF132	20.84									
			NOVA500BF132	21.06									
			NOVA505BF132	21.27									
			NOVA520BF144	20.13									
xxiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	NOVA535BF144 (535 Wp)	NOVA525BF144	20.32	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027					
			NOVA530BF144	20.52									
			NOVA535BF144	20.71									
			NOVA540BF144	20.90									
			NOVA545BF144	21.10									
			NOVA550BF144	21.29									
			PS_550	21.29									
PS_545	21.09												
PS_540	20.9												
PS_535	20.71												
PS_530	20.51												
PS_525	20.32												
PS_500	19.35												
10	M/s. Pahal Solar Private Limited	Ground Floor, Block No. 71, 72 Plot No. 167 to 171, 180 to 189, 19, E-172, 173,178, 179. Opp. Shiv Shakti Estate, Olpad,Surat-394540, Gujarat, India	R-72001848	282	i	Mono c-Si PERC Modules	PS_540 (540Wp)			144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
					ii	Mono c-Si PERC Modules	PS_500 (500Wp)			132 (Half Cut Cell)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								PS_495	19.16				
								PS_445	20.37				
					iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_440	20.14	144 (Half Cut Cell)	1500	10.11.2023	09.11.2027
							PS_435	19.91					
							PS_430	19.68					
							PS_415	19					
					iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_380	19.53	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
							PS_375	19.28					
							PS_370	19.02					
					v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PSN_150	19.90	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
							PSN_155	20.56					
							PSN_160	21.22					
					vi	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PSN_160	21.22	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_200	19.28					
							PSN_205	19.76					
					vii	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_210	20.24	56 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_215	20.72					
							PSN_220	21.21					
							PSN_245	20.79					
					viii	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_250	21.22	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_255	21.64					
							PSN_260	22.06					
							PSN_265	22.49					
					ix	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_270	20.38	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_275	20.76					
							PSN_280	21.13					
							PSN_285	21.51					
					x	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					
							PSN_300	20.52					
							PSN_305	20.86					
								PSN_310	21.21	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							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	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_335	21.85					
							PSN_340	22.17					
							PSN_345	22.50					
					xii	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_350	20.06	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_355	20.35					
							PSN_360	20.64					
							PSN_365	20.92					
								PSN_370	21.21	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_375	21.50					
							PSN_380	21.78					
							PSN_385	22.07					
					xiii	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_390	22.36	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_400	20.48					
							PSN_405	20.74					
							PSN_410	20.99					
					xiv	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_415	21.25	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							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	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
							PSN_465	21.49					
							PSN_470	21.72					
							PSN_475	21.95					
					xvi	Bifacial N-type TOPCon	PSN_480						

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	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_480	22.18	132 (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											
								PSN_515	21.70											
								PSN_520	21.91											
								PSN_525	22.13											
								PSN_530	22.34											
								xviii	Bifacial N-type TOPCon Modules					PSN_560 (560Wp)	PSN_535	20.71	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
					PSN_540	20.90														
					PSN_545	21.09														
					PSN_550	21.29														
					PSN_555	21.48														
					PSN_560	21.67														
					PSN_565	21.87														
					PSN_570	22.06														
					PSN_575	22.25														
					PSN_580	22.45														
					PSN_585	20.91														
					xix	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)			PSN_590	21.09	156 (Half Cut Cells)	1500		10.11.2023	09.11.2027				
								PSN_595	21.27											
								PSN_600	21.45											
								PSN_605	21.63											
								PSN_610	21.81											
								PSN_615	21.99											
								PSN_620	22.17											
								PSN_625	22.34											
								PSN_630	22.52											
								i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	PIX MP3 72 380			19.14			72 (Full Cells)	1500	10.11.2023	09.11.2027
											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																			
ii	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MPH 132 660	21.04	132 (Half cut cells)	1500	10.11.2023	09.11.2027												
			PIX MBHTB 132 625	19.93																
			PIX MBHTB 132 630	20.09																
			PIX MBHTB 132 635	20.25																
			PIX MBHTB 132 640	20.41																
			PIX MBHTB 132 645	20.57																
			PIX MBHTB 132 650	20.72																
			PIX MBHTB 132 655	20.88																
			PIX MBHTB 132 660	21.04																
			PIX MPH 120 570	19.94																
			PIX MPH 120 575	20.11																
			PIX MPH 120 580	20.29																
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MPH 120 585	20.46	132 (Half cut cells)	1500	10.11.2023	09.11.2027												
			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																			

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	PIX MPH 108 530 (530Wp)	PIX MPH 108 520 PIX MPH 108 525 PIX MPH 108 530 PIX MPH 108 535 PIX MPH 108 540	20.14 20.34 20.53 20.73 20.92	108 (half cut cell)	1500	10.11.2023	09.11.2027
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPHTB 108 510 PIX MPHTB 108 515 PIX MPHTB 108 520 PIX MPHTB 108 525 PIX MPHTB 108 530 PIX MPHTB 108 535 PIX MPHTB 108 540	19.76 19.95 20.14 20.34 20.53 20.73 20.92	108 (Half cut cell)	1500	10.11.2023	09.11.2027
					viii	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 156 560 PIX MPH 156 565 PIX MPH 156 570 PIX MPH 156 575 PIX MPH 156 580 PIX MPH 156 585 PIX MPH 156 590	20.00 20.18 20.36 20.54 20.71 20.89 21.07	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MBHTB 156 595 PIX MBHTB 156 560 PIX MBHTB 156 565 PIX MBHTB 156 570 PIX MBHTB 156 575 PIX MBHTB 156 580 PIX MBHTB 156 585 PIX MBHTB 156 590	21.25 20.00 20.18 20.36 20.54 20.71 20.89 21.07	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					x	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPHB 144 510 PIX MPHB 144 515 PIX MPHB 144 520 PIX MPHB 144 525 PIX MPHB 144 530 PIX MPHB 144 535 PIX MPHB 144 540 PIX MPHB 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xi	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510 PIX MPH 144 515 PIX MPH 144 520 PIX MPH 144 525 PIX MPH 144 530 PIX MPH 144 535 PIX MPH 144 540 PIX MPH 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 510 PIX MBHTB 144 515 PIX MBHTB 144 520 PIX MBHTB 144 525 PIX MBHTB 144 530 PIX MBHTB 144 535 PIX MBHTB 144 540 PIX MBHTB 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xiii	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 470 PIX MPH 132 475 PIX MPH 132 480 PIX MPH 132 485 PIX MPH 132 490 PIX MPH 132 495 PIX MPH 132 500	19.74 19.95 20.16 20.37 20.58 20.79 21.00	132 (Half cut cell)	1500	10.11.2023	09.11.2027
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 470 PIX MBHTB 132 475 PIX MBHTB 132 480 PIX MBHTB 132 485 PIX MBHTB 132 490 PIX MBHTB 132 495 PIX MBHTB 132 500	19.74 19.95 20.16 20.37 20.58 20.79 21.00	132 (Half cut cell)	1500	10.11.2023	09.11.2027
					xv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 156 575 (575 Wp)	PIX MBHDTB 156 560 PIX MBHDTB 156 565 PIX MBHDTB 156 570 PIX MBHDTB 156 575 PIX MBHDTB 156 580 PIX MBHDTB 156 585	20.00 20.18 20.36 20.54 20.72 20.89	156 (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)		
								PIX MBHDTB 156 590	21.07						
								PIX MBHDTB 156 595	21.25						
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 144 525 (525 Wp)	PIX MBHDTB 144 510	19.74	144 (Half cut cells)	1500	10.11.2023	09.11.2027		
														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
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 132 485 (485 Wp)	PIX MBHDTB 132 480	20.17	132 (Half cut cells)	1500	10.11.2023	09.11.2027		
														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
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 120 440 (440 Wp)	PIX MBHDTB 120 445	20.50	120 (Half cut cells)	1500	10.11.2023	09.11.2027		
														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
														PIX MBHDTB 108 405	20.63
							PIX MBHDTB 108 410	20.89							
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 108 395 (395 Wp)	PIX MPHDT 156 560	20.00	108 (Half cut cells)	1500	10.11.2023	09.11.2027		
														PIX MPHDT 156 565	20.18
														PIX MPHDT 156 570	20.36
														PIX MPHDT 156 575	20.54
														PIX MPHDT 156 580	20.72
														PIX MPHDT 156 585	20.89
														PIX MPHDT 156 590	21.07
														PIX MPHDT 156 595	21.25
														PIX MPHDT 144 510	19.74
														PIX MPHDT 144 515	19.94
					xx	Mono c-Si PERC Module	PIX MPHDT 156 575 (575 Wp)	PIX MPHDT 144 520	20.13	156 (Half cut cells)	1500	10.11.2023	09.11.2027		
														PIX MPHDT 144 525	20.32
														PIX MPHDT 144 530	20.52
														PIX MPHDT 144 535	20.71
														PIX MPHDT 144 540	20.90
														PIX MPHDT 144 545	21.10
														PIX MPHDT 132 470	19.75
														PIX MPHDT 132 475	19.96
														PIX MPHDT 132 480	20.17
														PIX MPHDT 132 485	20.38
					xxi	Mono c-Si PERC Module	PIX MPHDT 144 530 (530 Wp)	PIX MPHDT 132 490	20.59	144 (Half cut cells)	1500	10.11.2023	09.11.2027		
														PIX MPHDT 132 495	20.80
														PIX MPHDT 132 500	21.01
														PIX MPHDT 120 420	19.35
														PIX MPHDT 120 425	19.58
														PIX MPHDT 120 430	19.81
														PIX MPHDT 120 435	20.04
														PIX MPHDT 120 440	20.27
														PIX MPHDT 120 445	20.50
														PIX MPHDT 120 450	20.73
					xxii	Mono c-Si PERC Module	PIX MPHDT 132 490 (490 Wp)	PIX MPHDT 120 455	20.96	132 (Half cut cells)	1500	10.11.2023	09.11.2027		
														PIX MPHDT 108 375	19.10
														PIX MPHDT 108 380	19.36
														PIX MPHDT 108 385	19.61
														PIX MPHDT 108 390	19.87
														PIX MPHDT 108 395	20.12
														PIX MPHDT 108 400	20.38
														PIX MPHDT 108 405	20.63
														PIX MPHDT 108 410	20.89
								xxiii	Mono c-Si PERC Module					PIX MPHDT 108 395 (395 Wp)	PIX MPHDT 120 420
							PIX MPHDT 120 425			19.58					
							PIX MPHDT 120 430			19.81					
							PIX MPHDT 120 435			20.04					
							PIX MPHDT 120 440			20.27					
							PIX MPHDT 120 445			20.50					
							PIX MPHDT 120 450			20.73					
							PIX MPHDT 120 455			20.96					
							PIX MPHDT 108 375			19.10					
							PIX MPHDT 108 380			19.36					
							PIX MPHDT 108 385	19.61							
							PIX MPHDT 108 390	19.87							
							PIX MPHDT 108 395	20.12							
							PIX MPHDT 108 400	20.38							
							PIX MPHDT 108 405	20.63							
							PIX MPHDT 108 410	20.89							

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)
12	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	R-93007480	423	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				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP24L565WM-T (565 Wp)	ALP24L540WM-T	20.90	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP24L545WM-T	21.10				
								ALP24L550WM-T	21.29				
								ALP24L555WM-T	21.48				
								ALP24L560WM-T	21.68				
								ALP24L565WM-T	21.87				
								ALP24L570WM-T	22.07				
								ALP24L575WM-T	22.26				
								ALP24L580WM-T	22.45				
								ALP24L585WM-T	22.65				
					iii	Mono c-Si PERC Module	ALP24L540WM (540Wp)	ALP24L590WM-T	22.84	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP24L520WM	20.13				
								ALP24L525WM	20.32				
								ALP24L530WM	20.52				
								ALP24L535WM	20.71				
								ALP24L540WM	20.90				
								ALP24L545WM	21.10				
								ALP24L550WM	21.29				
								ALP24L555WM	21.48				
								ALP24L560WM	21.68				
					iv	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP22L480WM	20.21	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP22L485WM	20.42				
								ALP22L490WM	20.64				
								ALP22L495WM	20.85				
								ALP22L500WM	21.06				
								ALP22L505WM	21.27				
								ALP22L510WM	21.48				
								ALP22L515WM	21.69				
								ALP22L495WM-T	20.85				
								ALP22L500WM-T	21.06				
					v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP22L510WM-T (510Wp)	ALP22L505WM-T	21.27	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP22L510WM-T	21.48				
								ALP22L515WM-T	21.69				
								ALP20L435WM	20.06				
					vi	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP20L440WM	20.29	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								ALP20L445WM	20.52				
								ALP20L450WM	20.75				
								ALP20L455WM	20.99				
								ALP20L460WM	21.22				
								ALP20L465WM	21.45				
ALP20L470WM	21.68												
ALP20L475WM	21.91												
ALP20L450WM-T	20.75												
ALP20L455WM-T	20.99												
vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP20L465WM-T (465Wp)	ALP20L460WM-T	21.22	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			ALP20L465WM-T	21.45									
			ALP20L470WM-T	21.68									
			ALP20L475WM-T	21.91									
			ALP18L390WM	19.95									
			ALP18L395WM	20.20									
viii	Mono c-Si PERC Module	ALP18L410WM (410Wp)	ALP18L400WM	20.46	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			ALP18L405WM	20.72									
			ALP18L410WM	20.97									
			ALP18L415WM	21.23									
			ALP18L420WM	21.48									
			ALP18L425WM	21.74									
			ALP18L405WM-T	20.72									
			ALP18L410WM-T	20.97									
			ALP18L415WM-T	21.23									
			ALP18L420WM-T	21.48									
ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	ALP18L415WM-T (415Wp)	ALP18L425WM-T	21.74	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			ALP16L345WM	19.75									
			ALP16L350WM	20.04									
			ALP16L355WM	20.33									
			ALP16L360WM	20.61									
			ALP16L365WM	20.90									
x	Mono c-Si PERC Module	ALP16L360WM (360Wp)	ALP16L370WM	21.19	96 (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)																			
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.66.650.05 (650 Wp)	PARADEA VSM DH.66.650.05 PARADEA VSM DH.66.645.05 PARADEA VSM DH.66.640.05 PARADEA VSM DH.66.635.05 PARADEA VSM DH.60.600.05	20.92 20.76 20.60 20.44 21.20	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.60.590.05 (590 Wp)	PARADEA VSM DH.60.595.05 PARADEA VSM DH.60.590.05 PARADEA VSM DH.60.585.05 PARADEA VSM DH.60.580.05	21.02 20.85 20.67 20.50	120(Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					vii	Mono c-Si PERC Modules	SOMERA VSM H.66.655.05 (655 Wp)	SOMERA VSM H.66.670.05 SOMERA VSM H.66.665.05 SOMERA VSM H.66.660.05 SOMERA VSM H.66.655.05 SOMERA VSM H.66.650.05 SOMERA VSM H.66.645.05 SOMERA VSM H.66.640.05	21.57 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 VSM H.60.600.05 (600 Wp)	SOMERA VSM H.60.610.05 SOMERA VSM H.60.605.05 SOMERA VSM H.60.600.05 SOMERA VSM H.60.595.05 SOMERA VSM H.60.590.05 SOMERA VSM H.60.585.05 SOMERA VSM H.60.580.05	21.55 21.38 21.20 21.02 20.85 20.67 20.49	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					ix	Mono c-Si PERC Modules	SOMERA VSM H.72.450.05 (450 Wp)	SOMERA VSM H.72.455.05 SOMERA VSM H.72.450.05 SOMERA VSM H.72.445.05 SOMERA VSM H.72.440.05	20.46 20.23 20.01 19.79	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSM DH.72.600.05 (600 Wp)	PARADEA VSM DH.78.615.03 PARADEA VSM DH.78.610.04 PARADEA VSM DH.78.605.05 PARADEA VSM DH.78.600.05 PARADEA VSM DH.78.595.05 PARADEA VSM DH.78.590.05 PARADEA VSM DH.78.585.05 PARADEA VSM DH.78.580.05	22.08 21.90 21.72 21.54 21.36 21.18 21.00 20.83	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					xii	Bifacial N Type TOPCon Modules (Glass to Glass)	HYPER SOL VSM DH.72.585.05 (585 Wp)	HYPER SOL VSM DH.72.610.05 HYPER SOL VSM DH.72.605.05 HYPER SOL VSM DH.72.600.05 HYPER SOL VSM DH.72.595.05 HYPER SOL VSM DH.72.590.05 HYPER SOL VSM DH.72.585.05 HYPER SOL VSM DH.72.580.05 HYPER SOL VSM DH.72.575.05 HYPER SOL VSM DH.72.570.05 HYPER SOL VSM DH.72.565.05 HYPER SOL VSM DH.72.560.05	23.61 23.42 23.23 23.03 22.84 22.65 22.45 22.26 22.07 21.87 21.68	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	PREXOS VSM DHT.72.550.05 (550 Wp)	PREXOS VSM DHT.72.560.05 PREXOS VSM DHT.72.555.05 PREXOS VSM DHT.72.550.05 PREXOS VSM DHT.72.545.05 PREXOS VSM DHT.72.540.05	21.72 21.52 21.33 21.13 20.94	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027																			
					14	M/s. Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlaxshmi HiTech Industrial Park, Sonale Village, Bhiwandi-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	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								
																			Manufacturing Address: Plot No. 18&19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	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
																			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)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
	Co-ALMM with M/s 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)	iii	Mono c-Si PERC Module	ECE060M370 (370Wp)	ECE060M370	19.17	72 (Full Cells)	1500	04.03.2024	03.03.2028
					iv	Mono c-Si PERC Module	ECE072M220 (220 Wp)	ECE072M215	19.32	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE072M220	19.77				
								ECE072M225	20.22				
					v	Mono c-Si PERC Module	ECE072M270 (270 Wp)	ECE072M260	19.62	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE072M265	20.00				
								ECE072M270	20.38				
					vi	Mono c-Si PERC Module	ECE096M295 (295 Wp)	ECE072M275	20.76	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE096M285	19.42				
								ECE096M290	19.81				
					vii	Mono c-Si PERC Module	ECE096M360 (360 Wp)	ECE096M295	20.15	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE096M300	20.49				
								ECE096M350	20.06				
					viii	Mono c-Si PERC Module	ECE108M330 (330 Wp)	ECE096M360	20.64	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE096M365	20.92				
								ECE108M320	19.52				
					ix	Mono c-Si PERC Module	ECE108M400 (400 Wp)	ECE108M330	20.13	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE108M335	20.43				
								ECE108M340	20.74				
					x	Mono c-Si PERC Module	ECE120M370 (370 Wp)	ECE108M390	19.96	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE108M395	20.21				
								ECE108M400	20.47				
					xi	Mono c-Si PERC Module	ECE120M445 (445 Wp)	ECE108M405	20.72	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE108M410	20.98				
								ECE120M360	19.84				
					xii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE120M370	20.39	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M375	20.66				
								ECE120M435	20.10				
					xiii	Mono c-Si PERC Module	ECE132M490 (490 Wp)	ECE120M440	20.33	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M445	20.56				
								ECE120M450	20.79				
					xiv	Mono c-Si PERC Module	ECE144M450 (450 Wp)	ECE120M455	21.02	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M395	19.85				
								ECE132M400	20.10				
					xv	Mono c-Si PERC Module	ECE144M545 (545 Wp)	ECE132M405	20.35	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M410	20.06				
								ECE132M415	20.85				
					xvi	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE132M480	20.22	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M485	20.43				
								ECE132M490	20.64				
					xvii	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE132M495	20.85	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M500	21.06				
								ECE144M435	20.09				
					xviii	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE144M440	20.32	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M445	20.55				
								ECE144M450	20.78				
					xix	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE144M455	21.01	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M460	21.24				
								ECE144M465	21.48				
					xx	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE144M525	20.32	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M530	20.51				
								ECE144M535	20.71				
					xxi	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE144M540	20.90	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M545	21.09				
								ECE144M550	21.29				
					xxii	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE144M555	21.48	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M560	21.67				
								ECE156M460	19.30				
					xxiii	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M465	19.51	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M470	19.72				
								ECE156M475	19.93				
					xxiv	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M480	20.14	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M485	20.35				
								ECE156M570	20.39				
					xxv	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M575	20.57	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M580	20.74				
								ECE156M585	20.92				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
16	Rayzon Solar Private Limited	Block No. 94/1/1F, 94/1/3, 102/1, 103, 104, 105, 109, 110, 118, 119, 120, Kim Mandvi Road, Near Hariya Talav, B/H Aron Pipe, Kim Mandvi Road, Karanj, Surat - 394110, Gujarat, India.	R-72002305	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				
								RS470WC	19.84				
								RS475WC	20.02				
								RS480WC	20.26				
					iii	Mono c-Si PERC Modules	RS490WC (490 Wp)	RS485WC	20.46	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS490WC	20.66				
								RS495WC	20.87				
								RS500WC	21.06				
								RS505WC	21.28				
								RS510WC	21.49				
								RS515WC	19.96				
								RS520WC	20.17				
								RS525WC	20.34				
								RS530WC	20.55				
					iv	Mono c-Si PERC Modules	RS535WC (535 Wp)	RS535WC	20.74	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS540WC	20.94				
								RS545WC	21.10				
								RS550WC	21.32				
								RS555WC	21.52				
								RS560WC	21.71				
								RSB505WC	19.56				
								RSB510WC	19.79				
								RSB515WC	19.99				
								RSB520WC	20.18				
					v	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB530WC (530 Wp)	RSB525WC	20.37	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB530WC	20.56				
RSB535WC	20.75												
RSB540WC	20.94												
RSB545WC	21.13												
RSB550WC	21.32												
RSB460WC	19.40												
RSB465WC	19.60												
RSB470WC	19.84												
RSB475WC	20.02												
vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB480WC (480 Wp)	RSB480WC	20.26	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			RSB485WC	20.46									
			RSB490WC	20.66									
			RSB495WC	20.87									
			RSB500WC	21.08									
			RSB415WC	19.18									
			RSB420WC	19.42									
			RSB425WC	19.65									
			RSB430WC	19.86									
			RSB435WC	20.10									
vii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB435WC (435 Wp)	RSB440WC	20.35	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			RSB445WC	20.58									
			RSB450WC	20.81									
			RSB455WC	21.02									
			RSB380WC	19.47									

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)
					viii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RSB390WC (390 Wp)	RSB385WC	19.72	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSB390WC	19.96				
								RSB395WC	20.22				
								RSB400WC	20.47				
								RSB405WC	20.75				
								RSB410WC	21.00				
					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				
								x	Bifacial Mono c-Si PERC Modules (Glass to Glass)				
					RSG465WC	19.60							
					RSG470WC	19.84							
					RSG475WC	20.02							
					RSG480WC	20.26							
					RSG485WC	20.46							
					RSG490WC	20.66							
					RSG495WC	20.87							
					xi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG435WC (435 Wp)	RSG500WC	21.08	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG415WC	19.18				
								RSG420WC	19.42				
								RSG425WC	19.65				
								RSG430WC	19.86				
								RSG435WC	20.10				
								RSG440WC	20.35				
								RSG445WC	20.58				
					xii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG390WC (390 Wp)	RSG450WC	20.81	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSG455WC	21.02				
								RSG380WC	19.47				
								RSG385WC	19.72				
								RSG390WC	19.96				
								RSG395WC	20.22				
								RSG400WC	20.47				
								RSG405WC	20.75				
					xiii	Bifacial N Type TOPCon Module (Glass to Glass)	RSS60144TGC (560 Wp)	RSG410WC	21.00	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RSS35144TGC	20.73				
								RSS40144TGC	20.92				
								RSS45144TGC	21.12				
								RSS50144TGC	21.31				
								RSS55144TGC	21.50				
								RSS60144TGC	21.70				
RSS65144TGC	21.89												
RSS70144TGC	22.08												
RSS75144TGC	22.28												
RSS80144TGC	22.47												
RSS85144TGC	22.66												
xiv	Bifacial N Type TOPCon Module (Glass to Glass)	RSS10132TGC (510 Wp)	RSS10132TGC	21.06	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			RS485132TGC	20.43									
			RS490132TGC	20.64									
			RS495132TGC	20.85									
			RSS00132TGC	21.06									
			RSS05132TGC	21.27									
			RSS10132TGC	21.49									
			RSS15132TGC	21.70									
			RSS20132TGC	21.91									
			RSS25132TGC	22.12									
			RSS30132TGC	22.33									
			RSS35132TGC	22.54									
			RS445120TGC	20.54									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xv	Bifacial N Type TOPCon Module (Glass to Glass)	RS465120TGC (465 Wp)	RS450120TGC RS455120TGC RS460120TGC RS465120TGC RS470120TGC RS475120TGC RS480120TGC RS485120TGC	20.77 21.00 21.23 21.46 21.70 21.93 22.16 22.39	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					xvi	Bifacial N Type TOPCon Module (Glass to Glass)	RS415108TGC (415 Wp)	RS395108TGC RS400108TGC RS405108TGC RS410108TGC RS415108TGC RS420108TGC RS425108TGC RS430108TGC RS435108TGC	20.24 20.50 20.76 21.01 21.27 21.53 21.78 22.04 22.30	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
17	M/s. Kosol Energie Pvt. Ltd.	Survey No: 415/B, Opp. Super Gas, Village: Bhaiya, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad-382220, Gujarat, India.	R-72003417	637	i	Mono c-Si PERC Modules	KE550M (550 Wp)	KE570M KE565M KE560M KE555M KE550M KE545M KE540M KE535M KE530M KE570T KE565T KE560T	22.06 21.87 21.68 21.48 21.29 21.10 20.90 20.71 20.52 22.06 21.87 21.68	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE550T (550 Wp)	KE555T KE550T KE545T KE540T KE535T KE530T KE460M KE455M KE450M KE445M KE440M KE435M KE430M	21.48 21.29 21.10 20.90 20.71 20.52 21.21 20.98 20.75 20.52 20.29 20.06 19.83	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					iii	Mono c-Si PERC Modules	KE445M (445 Wp)	KE460M KE455M KE450M KE445M KE440M KE435M KE430M	21.21 20.98 20.75 20.52 20.29 20.06 19.83	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE445T (445 Wp)	KE460T KE455T KE450T KE445T KE440T KE435T KE430T	21.21 20.98 20.75 20.52 20.29 20.06 19.83	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					v	Mono c-Si PERC Modules	KE400M (400 Wp)	KE415M KE410M KE405M KE400M KE395M KE390M KE385M	21.24 20.98 20.73 20.47 20.22 19.96 19.70	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE400T (400 Wp)	KE415T KE410T KE405T KE400T KE395T KE390T KE385T	21.24 20.98 20.73 20.47 20.22 19.96 19.70	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
					vii	Mono c-Si PERC Modules	KE255M (255 Wp)	KE255M	19.22	48 (Full Cells)	1500	04.03.2024	03.03.2028
					viii	Mono c-Si PERC Modules	KE285M (285 Wp)	KE280M KE285M KE315M	19.05 19.39 19.17	54 (Full Cells)	1500	04.03.2024	03.03.2028
					ix	Mono c-Si PERC Modules	KE325M (325 Wp)	KE320M KE325M	19.47 19.78	60 (Full Cells)	1500	04.03.2024	03.03.2028

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)				
								KE330M	20.08								
								KE335M	20.38								
					x	Mono c-Si PERC Modules	KE390M (390 Wp)	KE380M	19.16	72 (Full Cells)	1500	04.03.2024	03.03.2028				
							KE385M	19.42									
							KE390M	19.67									
							KE395M	19.92									
							CSPL-144MHC-TF-520	20.14									
18	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	R-72001929	150	i	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-144MHC-TF-535 (535Wp)	CSPL-144MHC-TF-525	20.33	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-144MHC-TF-530	20.52								
								CSPL-144MHC-TF-535	20.72								
								CSPL-144MHC-TF-540	20.91								
								CSPL-144MHC-TF-545	21.11								
								CSPL-144MHC-TF-550	21.30								
								CSPL-144MHC-TF-555	21.49								
								CSPL-144MHC-TF-560	21.69								
								CSPL-144MHC-WF-520	20.14								
								CSPL-144MHC-WF-525	20.33								
								CSPL-144MHC-WF-530	20.52								
								CSPL-144MHC-WF-535	20.72								
					ii	Mono c-Si PERC Module	CSPL-144MHC-WF-535 (535Wp)	CSPL-144MHC-WF-540	20.91	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-144MHC-WF-545	21.11								
								CSPL-144MHC-WF-550	21.30								
								CSPL-144MHC-WF-555	21.49								
								CSPL-144MHC-WF-560	21.69								
								CSPL-132MHC-TF-480	20.21								
								CSPL-132MHC-TF-485	20.42								
								CSPL-132MHC-TF-490	20.63								
								CSPL-132MHC-TF-495	20.84								
								CSPL-132MHC-WF-480	20.21								
								CSPL-132MHC-WF-485	20.42								
								iii	Mono c-Si PERC Module (Glass to Transparent backsheet)					CSPL-132MHC-TF-485 (485Wp)	CSPL-132MHC-TF-490	20.63	132 (Half Cut Cells)
					CSPL-132MHC-TF-495	20.84											
					CSPL-132MHC-WF-480	20.21											
					iv	Mono c-Si PERC Module	CSPL-132MHC-WF-485 (485Wp)	CSPL-132MHC-WF-490	20.63	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-132MHC-WF-495	20.84								
								CSPL-120MHC-TF-435	20.04								
					v	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-120MHC-TF-440 (440Wp)	CSPL-120MHC-TF-440	20.27	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-120MHC-TF-445	20.50								
								CSPL-120MHC-TF-450	20.73								
					vi	Mono c-Si PERC Module	CSPL-120MHC-WF-440 (440Wp)	CSPL-120MHC-WF-435	20.04	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-120MHC-WF-440	20.27								
								CSPL-120MHC-WF-445	20.50								
					vii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-108MHC-TF-395 (395Wp)	CSPL-120MHC-WF-450	20.73	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-108MHC-TF-390	19.88								
								CSPL-108MHC-TF-395	20.14								
								CSPL-108MHC-TF-400	20.39								
								CSPL-108MHC-TF-405	20.65								
					viii	Mono c-Si PERC Module	CSPL-108MHC-WF-395 (395Wp)	CSPL-108MHC-WF-390	19.88	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-108MHC-WF-395	20.14								
CSPL-108MHC-WF-400	20.39																
CSPL-108MHC-WF-405	20.65																
CSPL24M380	19.15																
ix	Mono c-Si PERC Modules.	CSPL24M390 (390 Wp)	CSPL24M385	19.41	72 (Full Cells)	1500	04.03.2024	03.03.2028									
			CSPL24M390	19.66													
			CSPL24M395	19.91													
			CSPL24M400	20.16													
			RPLUS24380	19.11													
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				
								RPLUS20330	20.05								
								RPLUS20325	19.74								
					ii	Mono c-Si PERC Module	RPLUS20320 (320 Wp)	RPLUS20320	19.44	60 (Full Cells)	1500	05.04.2024	04.04.2028				
								RPLUS20315	19.14								
								RPLUS18300	20.37								
								RPLUS18295	20.03								
								RPLUS18290	19.69								
					iii	Mono c-Si PERC Module	RPLUS18300 (300 Wp)	RPLUS18285	19.35	54 (Full Cells)	1500	05.04.2024	04.04.2028				
								RSM10MP-72HCMF550 (550Wp)	21.29					144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
								RSM10MP-72HCMF545	21.10								
					RSM10MP-72HCMF540	20.90											
					v	Mono c-Si PERC Module	RSM10MP-72HCMF520 (520Wp)	RSM10MP-72HCMF535	20.71	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028				
								RSM10MP-72HCMF530	20.52								
								RSM10MP-72HCMF525	20.32								
RSM10MP-72HCMF520	20.13																
RSM10MP-72HCMF515	19.94																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								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					
				RSM10MP-66HCMF470				19.79					
				RSM10MP-66HCMF465				19.58					
				RSM10MP-66HCMF460				19.37					
								RSM10MP-66HCMF455	19.16				
					vii	Mono c-Si PERC Module	RSM10MP-66HCMF470 (470 Wp)	RSM10MP-66HCMF460	21.25	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
				RSM10MP-66HCMF455				19.16					
				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					
					x	Mono c-Si PERC Module	RSM10MP-54HCMF400 (400 Wp)	RSM10MP-54HCMF410	20.97	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028
				RSM10MP-54HCMF405				20.71					
				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					
				PE-480HM				20.22					
				PE-485HM	20.43								
				PE-490HM	20.64								
				PE-495HM	20.86								
				PE-510HM	21.49								
				PE-505HM	21.28								
				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								
20	M/s. Premier Energies Photovoltaic Pvt. Ltd	Plot No-8/B/1 & 8/B/2, SY No. 62 P 63 P and 88 P, E-City, Village Raviryala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India	R-63002356	1241	i	Mono c-Si PERC Module	PE-490HM, (490Wp)	PE-470HM	19.80	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
					ii	Mono c-Si PERC Module	PE-530HM, (530 Wp)	PE-510HGB	19.74	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
					iii	Bifacial Mono c-Si PERC Module	PE-530HGB, (530 Wp)	PE-510HGB	19.74	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028
					iv	Mono c-Si PERC Module	PE-565HM, (565 Wp)	PE-510HGB	19.74	156 (Half-Cut Cells)	1500	05.04.2024	04.04.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity			
												From	To (subject to valid BIS Registration; else deemed to be delisted)		
				40	v	Bifacial Mono c-Si PERC Module	PE-500HB, (500Wp)	PE-510HB	21.49	132 (Half-Cut Cells)	1500	05.04.2024	04.04.2028		
								PE-505HB	21.28						
								PE-500HB	21.07						
								PE-495HB	20.86						
					vi	Bifacial Mono c-Si PERC Module	PE-535HB, (535Wp)	PE-490HB	20.64	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028		
								PE-550HB	21.29						
								PE-545HB	21.10						
								PE-540HB	20.90						
								PE-535HB	20.71						
								PE-530HB	20.52						
					vii	Bifacial N-Type TOPCon Modules	PE-565THB144, (565Wp)	PE-525HB	20.32	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028		
								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						
					viii	Bifacial N-Type TOPCon Modules	PE-515THB132, (515Wp)	PE-590THB144	22.84	132 (Half-Cut Cells)	1500	05.04.2024	04.04.2028		
								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						
					x	Bifacial N-Type TOPCon Modules	PE-470THB120, (470Wp)	PE-450THB120	20.80	120 (Half-Cut Cells)	1500	05.04.2024	04.04.2028		
								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														
i	Mono c-Si PERC Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-255	19.20				72 (Half Cut Cells)	1500					05.04.2024	04.04.2028
			SSSPL-72TP-260	19.58											
			SSSPL-72TP-265	19.96											
			SSSPL-72TP-270	20.33											
			SSSPL-72TP-275	20.71											
			SSSPL-72TP-280	21.08											
			SSSPL-108TP-380	19.47											
			SSSPL-108TP-390	19.98											
			SSSPL-108TP-400	20.49											
			SSSPL-108TP-410	21.00											
			SSSPL-120TP-420	19.42											
			SSSPL-120TP-430	19.89											
			SSSPL-120TP-440	20.35											
			SSSPL-120TP-450	20.81											
			SSSPL-120TP-460	21.27											
			SSSPL-132TP-470	19.81											
			SSSPL-132TP-475	20.02											
			vi	Mono c-Si PERC Module	SSSPL-132TP-485 (485 Wp)	SSSPL-132TP-480	20.23			132 (Half Cut Cells)	1500	05.04.2024	04.04.2028		
SSSPL-132TP-485	20.44														
SSSPL-132TP-490	20.66														
SSSPL-132TP-495	20.87														
SSSPL-132TP-500	21.07														
SSSPL-144TP-500	19.36														
vii	Mono c-Si PERC Module	SSSPL-144TP-520 (520 Wp)	SSSPL-144TP-510	19.75	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
			SSSPL-144TP-520	20.14											
			SSSPL-144TP-530	20.52											
			SSSPL-144TP-540	20.91											
			SSSPL-144TP-550	21.30											
ix	Mono c-Sii Module	SSPL-36-260 (260 Wp)	SSPL-36-260	20.96	36(Half Cut Cells)	1500									
			SSPL-36-270	21.27											
x	Mono c-Sii Module	SSPL-36-270 (260 Wp)	SSPL-36-270	21.27	36(Half Cut Cells)	1500									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					xi	Mono c-SiI Module	SSPL-36-230 (230 Wp)	SSPL-36-230	20.83	36(Half Cut Cells)	1500	05.04.2024	04.04.2028							
					xii	Mono c-SiI Module	SSPL-36-240 (240 Wp)	SSPL-36-240	20.83	36(Half Cut Cells)	1500									
					xiii	Mono c-SiI Module	SSPL-36-250 (250 Wp)	SSPL-36-250	20.95	36(Half Cut Cells)	1500									
					xiv	Mono c-SiI Module	SSPL-36-200 (200 Wp)	SSPL-36-200	20.56	36(Half Cut Cells)	1500									
					xv	Mono c-SiI Module	SSPL-36-210 (210 Wp)	SSPL-36-210	20.68	36(Half Cut Cells)	1500									
					xvi	Mono c-SiI Module	SSPL-36-220 (220 Wp)	SSPL-36-220	20.83	36(Half Cut Cells)	1500									
					xvii	Mono c-SiI Module	SSPL-36-180 (180 Wp)	SSPL-36-180	20.42	36(Half Cut Cells)	1500									
					xviii	Mono c-SiI Module	SSPL-36-175 (175 Wp)	SSPL-36-175	20.47	36(Half Cut Cells)	1500									
					xix	Mono c-SiI Module	SSPL-36-170 (170 Wp)	SSPL-36-170	20.43	36(Half Cut Cells)	1500									
					xx	Mono c-SiI Module	SSPL-36-160 (160 Wp)	SSPL-36-160	20.34	36(Half Cut Cells)	1500									
					xxi	Mono c-SiI Module	SSPL-36-150 (150 Wp)	SSPL-36-150	20.14	36(Half Cut Cells)	1500									
					xxii	Mono c-SiI Module	SSPL-36-140 (140 Wp)	SSPL-36-140	20.02	36(Half Cut Cells)	1500									
					xxiii	Mono c-SiI Module	SSPL-36-130 (130 Wp)	SSPL-36-130	20.01	36(Half Cut Cells)	1500									
					xxiv	Mono c-SiI Module	SSPL-36-125 (125 Wp)	SSPL-36-125	19.82	36(Half Cut Cells)	1500									
					xxv	Mono c-SiI Module	SSPL-36-120 (120 Wp)	SSPL-36-120	19.74	36(Half Cut Cells)	1500									
					xxvi	Mono c-SiI Module	SSPL-36-100 (100 Wp)	SSPL-36-100	19.35	36(Half Cut Cells)	1500									
					xxvii	Mono c-SiI Module	SSPL-36-90 (90 Wp)	SSPL-36-90	19.38	36(Half Cut Cells)	1500									
					xxviii	Mono c-SiI Module	SSPL-36-80(80 Wp)	SSPL-36-80	19.21	36(Half Cut Cells)	1500									
					xxix	Mono c-SiI Module	SSPL-36-75 (75 Wp)	SSPL-36-75	19.05	36(Half Cut Cells)	1500									
					xxx	Mono c-SiI Module	SSPL-36-70 (70 Wp)	SSPL-36-70	19.03	36(Half Cut Cells)	1500									
					xxxi	Mono c-SiI Module	SSPL-36-60 (60 Wp)	SSPL-36-60	19.02	36(Half Cut Cells)	1500									
					xxxii	Mono c-SiI Module	SSPL-36-50 (50 Wp)	SSPL-36-50	19.01	36(Half Cut Cells)	1500									
					xxxiii	Mono c-SiI Module	SSPL-36-40 (40 Wp)	SSPL-36-40	19.05	36(Half Cut Cells)	1500									
					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	106	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				
															BBS24MF400	20.10				
															BBS24MF405	20.35				
										ii	Mono c-Si PERC Module			BBS24MC460 (460Wp)	BBS24MC440	19.73	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
															BBS24MC445	19.95				
															BBS24MC450	20.18				
															BBS24MC455	20.40				
BBS24MC460	20.63																			
BBS24MC465	20.85																			
iii	Mono c-Si PERC Module	BBS24MC495 (495Wp)	BBS24MC480	19.45						132 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
			BBS24MC485	19.65																
			BBS24MC490	19.85																
			BBS24MC495	20.05																
			BBS24MC500	20.25																
			BBS24MC505	20.46																
iv	Mono c-Si PERC Module	BBS24MC525 (525Wp)	BBS24MC510	20.66						144 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
			BBS24MC515	19.96																
			BBS24MC520	20.15																
			BBS24MC525	20.34																
			BBS24MC530	20.53																
			BBS24MC535	20.73																
v	Bifacial Mono c-Si PERC Module	BBS24MC460-TB (460 Wp)	BBS24MC540	20.92						120 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
			BBS24MC545	21.12																
			BBS24MC550	21.31																
			BBS24MC440-TB	19.76																
			BBS24MC445-TB	19.99																
			BBS24MC450-TB	20.21																
vi	Bifacial Mono c-Si PERC Module	BBS24MC495-TB (495 Wp)	BBS24MC455-TB	20.44						132 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
			BBS24MC460-TB	20.66																
			BBS24MC465-TB	20.89																
			BBS24MC470-TB	21.11																
			BBS24MC475-TB	21.33																
			BBS24MC480-TB	19.94																
vii	Bifacial Mono c-Si PERC Module	BBS24MC525-TB (525 Wp)	BBS24MC485-TB	20.14						144 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
			BBS24MC490-TB	20.35																
			BBS24MC495-TB	20.56																
			BBS24MC500-TB	20.77																
			BBS24MC505-TB	20.97																
			BBS24MC510-TB	21.18																
BBS24MC520-TB	19.12																			
BBS24MC525-TB	19.31																			
BBS24MC530-TB	19.49																			
BBS24MC535-TB	19.67																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								BBS24MC540-TB	19.86				
								BBS24MC545-TB	20.04				
								BBS24MC550-TB	20.23				
								BBS24MC555-TB	20.41				
					viii	Bifacial Mono c-Si PERC Module	BBS24MC570-TB (570 Wp)	BBS24MC560-TB	20.59	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							BBS24MC565-TB	20.78					
							BBS24MC570-TB	20.96					
							BBS24MC575-TB	21.14					
							BBS24MC555	20.41					
							BBS24MC560	20.59					
					ix	Mono c-Si PERC Module	BBS24MC570 (570 Wp)	BBS24MC565	20.78	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028
							BBS24MC570	20.96					
							BBS24MC575	21.14					
							BBS24MC575	21.14					
23	M/s. Rajasthan Electronics and Instruments Limited (REIL)	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040	R-84003077	23	i	Mono c-Si Module	385W72 (385 Wp)	390W72	20.07	72 (Full Cell)	1500	18.08.2024	17.08.2028
							385W72	19.82					
							380W72	19.56					
							375W72	19.30					
		Co-ALMM with M/s Sova Solar Ltd	R-51002631	2 (As per Co-Branding Agreement)	ii	Mono c-Si PERC Module	RSS535144HCMP (535Wp)	RSS520144HCMP	20.16	144 (Half Cut Cells)	1500	08.07.2024	31.03.2026
							RSS525144HCMP	20.35					
							RSS530144HCMP	20.54					
							RSS535144HCMP	20.74					
							RSS540144HCMP	20.93					
							RSS545144HCMP	21.13					
							RSS550144HCMP	21.32					
							RSS555144HCMP	21.51					
		Co-ALMM with M/s Cosmic PV Power Private Limited	R-72010197	2 (As per Co-Branding Agreement)	iii	Mono c-Si PERC Module	RCOS TWIN-530 (530 Wp)	RCOS TWIN-550	21.3	144 (Half Cut Cells)	1500	08.07.2024	17.03.2026
							RCOS TWIN-545	21.1					
							RCOS TWIN-540	20.9					
							RCOS TWIN-535	20.71					
							RCOS TWIN-530	20.51					
							RCOS TWIN-525	20.32					
							RCOS TWIN-520	20.13					
							RCOS TWIN-515	19.93					
							RCOS TWIN-510	19.74					
							RGMB72HM10550	21.29					
		Co-ALMM with M/s Grew Energy Private Limited	R-84004561	2 (As per Co-Branding Agreement)	iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGMB72HM10540 (540Wp)	RGMB72HM10545	21.1	144 (Half Cut Cells)	1500	08.07.2024	
							RGMB72HM10540	20.9					
							RGMB72HM10535	20.71					
								RGMB72HM10530	20.52	132 (Half Cut Cells)	1500	08.07.2024	
							RGMB72HM10525	20.32					
							RGMB66HM10505	21.26					
							RGMB66HM10500	21.05					
							RGMB66HM10495	20.83					
							RGMB66HM10490	20.62					
							RGMB66HM10485	20.41					
							RGMB66HM10480	20.2					
							RGMB60HM10460	21.24					
							RGMB60HM10455	21.01					
					vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	RGMB60HM10450 (450 Wp)	RGMB60HM10450	20.78	120 (Half Cut Cells)	1500	08.07.2024	
							RGMB60HM10445	20.54					
							RGMB60HM10440	20.31					
							RGMB60HM10435	20.08					
							RGMB54HM10415	21.21					
							RGMB54HM10410	20.96	108 (Half Cut Cells)	1500	08.07.2024		
							RGMB54HM10405	20.7					
							RGMB54HM10400	20.45					
							RGMB54HM10395	20.19					
							RGMB54HM10390	19.94					
							RGMB48HM10365	20.9	96 (Half Cut Cells)	1500	08.07.2024		
							RGMB48HM10360	20.61					
							RGMB48HM10355	20.33					
							RGMB48HM10350	20.04					
							RGMB48HM10345	19.75					
							RGMB48HM10340	19.47	144 (Half Cut Cells)	1500	08.07.2024	30.04.2026	
							RGMF72HM10550	21.29					
							RGMF72HM10545	21.1					
							RGMF72HM10540	20.9					
							RGMF72HM10535	20.71					
							RGMF72HM10530	20.52					
							RGMF72HM10525	20.32					
							RGMF66HM10505	21.26					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Mono c-Si PERC Modules	RGMF66HM10495 (495 Wp)	RGMF66HM10500 RGMF66HM10495 RGMF66HM10490 RGMF66HM10485 RGMF66HM10480	21.05 20.83 20.62 20.41 20.2	132(Half Cut Cells)	1500	08.07.2024	
					xi	Mono c-Si PERC Modules	RGMF60HM10450 (450 Wp)	RGMF60HM10460 RGMF60HM10455 RGMF60HM10450 RGMF60HM10445 RGMF60HM10440 RGMF60HM10435 RGMF54HM10415 RGMF54HM10410	21.24 21.01 20.78 20.54 20.31 20.08 21.21 20.96	120 (Half Cut Cells)	1500	08.07.2024	
					xii	Mono c-Si PERC Modules	RGMF54HM10405 (405 Wp)	RGMF54HM10405 RGMF54HM10400 RGMF54HM10395 RGMF54HM10390	20.7 20.45 20.19 19.94	108 (Half Cut Cells)	1500	08.07.2024	
					xiii	Mono c-Si PERC Modules	RGMF48HM10355 (355 Wp)	RGMF48HM10365 RGMF48HM10360 RGMF48HM10355 RGMF48HM10350 RGMF48HM10345 RGMF48HM10340	20.9 20.61 20.33 20.04 19.75 19.47	96 (Half Cut Cells)	1500	08.07.2024	
24	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India	R-72005630	54	i	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520 SS-525 SS-530 SS-535 SS-540 SS-545 SS-550	20.12 20.31 20.51 20.70 20.89 21.09 21.28	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					ii	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C480 SS-132C485 SS-132C490 SS-132C495 SS-132C500 SS-132C505 SS-132C510 SS-132C515	20.22 20.43 20.64 20.86 21.07 21.27 21.49 21.70	132 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					iii	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C440 SS-120C445 SS-120C450 SS-120C455	20.34 20.57 20.79 21.02	120 (Half Cut Cells)	1500	18.08.2024	17.08.2028
25	M/s. Raajratna Ventures Limited	Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India	R-72003379	79	i	Mono c-Si PERC Modules	R435M (435Wp)	R420M R425M R430M R435M R440M R445M R450M	19.27 19.50 19.73 19.96 20.18 20.41 20.64	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					ii	Mono c-Si PERC Modules	R530M (530Wp)	R510M R515M R520M R525M R530M R535M R540M R545M R550M	19.73 19.93 20.12 20.31 20.51 20.70 20.89 21.09 21.28	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
26	M/s. Mundra Solar Energy Ltd	Taluka Mundra, Survey No.180/P, Sector-01,South Of APL/CGPL Power Plant, Near EMC Bridge,Tunda, Kachchh- 370435 Gujarat	R-72005460	2125			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	19.48 19.51 19.55 19.59 19.63 19.67 19.71 19.75 19.79 19.83 19.86 19.9					

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-M10-144-525 (525Wp)	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 ASM-M10-144-546 ASM-M10-144-547 ASM-M10-144-548 ASM-M10-144-549 ASM-M10-144-550	19.94 19.98 20.02 20.06 20.1 20.14 20.18 20.22 20.25 20.29 20.33 20.37 20.41 20.45 20.49 20.53 20.57 20.6 20.64 20.68 20.72 20.76 20.8 20.84 20.88 20.92 20.96 20.99 21.03 21.07 21.11 21.15 21.18 21.22 21.27 21.3 21.34 21.38 21.42	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-525 (525Wp)	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 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	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	144 (Half Cut Cells)	1500	18.08.2024	17.08.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
28	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	9668	i	Bifacial N - Type TOPCon Module	BiN-17-615 (615 Wp)	DESERV SGALACTIC-405	20.67	156 (Half Cut Cells)	1500	18.08.2024	17.08.2028
								BiN-17-605	21.64				
								BiN-17-610	21.82				
								BiN-17-615	22.00				
								BiN-17-620	22.18				
								BiN-17-625	22.36				
								BiN-08-560	21.68				
								BiN-08-565	21.87				
								BiN-08-570	22.07				
								BiN-08-575	22.26				
								BiN-08-580	22.45				
								WSMD-520	20.2				
					WSMD-525	20.39							
					WSMD-530	20.58							
					WSMD-535	20.78							
					WSMD-540	20.97							
					WSMD-545	21.17							
					WSMD-550	21.36							
					WSMD-580	20.35							
					WSMD-585	20.52							
					WSMD-590	20.7							
					WSMD-595	20.88							
					WSMD-600	21.06							
					WSMD-605	21.24							
					WSMD-630	20.16							
					WSMD-635	20.32							
					WSMD-640	20.48							
					WSMD-645	20.64							
					WSMD-650	20.8							
					Bi-55-520	20.2							
					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							
					Bi-66-585	20.52							
					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							
					Bi-68-640	20.48							
					Bi-68-645	20.64							
					Bi-68-650	20.8							
					GS10-M144-WF-500	19.36							
					GS10-M144-WF-505	19.54							
GS10-M144-WF-510	19.75												
GS10-M144-WF-515	19.94												
GS10-M144-WF-520	20.13												
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	21.11												
GS10-M144-WF-550	21.30												
GS10-B144-TF-525	20.33												
GS10-B144-TF-530	20.53												
GS10-B144-TF-535	20.73												
GS10-B144-TF-540	20.92												
GS10-B144-TF-545	21.10												
GS10-B144-TF-550	21.30												
GS10-B144-GF-525	20.34												
GS10-B144-GF-530	20.53												
GS10-B144-GF-535	20.73												
GS10-B144-GF-540	20.92												
GS10-B144-GF-545	21.10												
GS10-B144-GF-550	21.30												
GS10-M132-WF-500	21.06												
GS10-M132-WF-505	21.28												
29	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	2444	i	Mono c-Si PERC Module	GS10-M144-WF-525 (525 Wp)	GS10-M144-WF-500	19.36	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
								GS10-M144-WF-505	19.54				
								GS10-M144-WF-510	19.75				
								GS10-M144-WF-515	19.94				
								GS10-M144-WF-520	20.13				
								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	21.11				
								GS10-M144-WF-550	21.30				
								GS10-B144-TF-525	20.33				
					GS10-B144-TF-530	20.53							
					GS10-B144-TF-535	20.73							
					GS10-B144-TF-540	20.92							
					GS10-B144-TF-545	21.10							
					GS10-B144-TF-550	21.30							
					GS10-B144-GF-525	20.34							
					GS10-B144-GF-530	20.53							
					GS10-B144-GF-535	20.73							
					GS10-B144-GF-540	20.92							
					GS10-B144-GF-545	21.10							
					GS10-B144-GF-550	21.30							
					ii	Bifacial Mono c-Si PERC Module	GS10-B144-TF-535 (535Wp)	GS10-M132-WF-500	21.06	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028
GS10-M132-WF-505	21.28												
GS10-M144-WF-500	19.36												
GS10-M144-WF-505	19.54												
GS10-M144-WF-510	19.75												
GS10-M144-WF-515	19.94												
GS10-M144-WF-520	20.13												
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	21.11												
GS10-M144-WF-550	21.30												
iii	Bifacial Mono c-Si PERC Module	GS10-B144-TF-545 (545Wp)	GS10-M144-WF-500	19.36	144 (Half-Cut Cells)	1500	27.09.2024	26.09.2028					
			GS10-M144-WF-505	19.54									
			GS10-M144-WF-510	19.75									
			GS10-M144-WF-515	19.94									
			GS10-M144-WF-520	20.13									
			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	21.11									
			GS10-M144-WF-550	21.30									
			GS10-B144-TF-525	20.33									
GS10-B144-TF-530	20.53												
GS10-B144-TF-535	20.73												
GS10-B144-TF-540	20.92												
GS10-B144-TF-545	21.10												
GS10-B144-TF-550	21.30												
iv	Mono c-Si PERC Module	GS10-M132-WF-500 (500Wp)	GS10-M144-WF-500	19.36	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028					
			GS10-M144-WF-505	19.54									
			GS10-M144-WF-510	19.75									
			GS10-M144-WF-515	19.94									
			GS10-M144-WF-520	20.13									
			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	21.11									
			GS10-M144-WF-550	21.30									
			GS10-B144-TF-525	20.33									
GS10-B144-TF-530	20.53												
GS10-B144-TF-535	20.73												
GS10-B144-TF-540	20.92												
GS10-B144-TF-545	21.10												
GS10-B144-TF-550	21.30												

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	N-Type TOPCon Modules	GS10-T144-GF-575 (575Wp)	GS10-T144-GF-555	21.47	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								GS10-T144-GF-560	21.67											
								GS10-T144-GF-565	21.86											
								GS10-T144-GF-570	22.05											
								GS10-T144-GF-575	22.26											
								GS10-T144-GF-580	22.45											
								GS10-T144-GF-585	22.64											
								GS10-T144-GF-590	22.83											
								GS10-T144-GF-595	23.03											
								GS10-T132-GF-515	21.68											
								GS10-T132-GF-520	21.89											
								GS10-T132-GF-525	22.10											
					vi	N-Type TOPCon Modules	GS10-T132-GF-535 (535Wp)	GS10-T132-GF-530	22.31	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								GS10-T132-GF-535	22.52											
								GS10-T132-GF-540	22.73											
								GS10-T132-GF-545	22.94											
								GS10-T132-GF-550	23.15											
								GS10-T120-GF-465	21.47											
								GS10-T120-GF-470	21.70											
								GS10-T120-GF-475	21.93											
								GS10-T120-GF-480	22.16											
								GS10-T120-GF-485	22.39											
								GS10-T120-GF-490	22.62											
								GS10-T120-GF-495	22.85											
					vii	N-Type TOPCon Modules	GS10-T120-GF-485 (485Wp)	GS10-T120-GF-500	23.08	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								GS10-T108-GF-415	21.15											
								GS10-T108-GF-420	21.41											
								GS10-T108-GF-425	21.66											
								GS10-T108-GF-430	21.92											
								GS10-T108-GF-435	22.17											
								GS10-T108-GF-440	22.43											
								GS10-T108-GF-445	22.68											
								GS10-T108-GF-450	22.94											
								SASA255C-72	19.06											
								SASA260C-72	19.43											
								SASA265C-72	19.80											
30	M/s. SASA Energy LLP	S.No. 193, Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India	R-72005681	100	i	Mono c-Si PERC Module	SASA265C-72 (265 Wp)	SASA270C-72	20.18	72 (Half cut cells)	1500	27.09.2024	26.09.2028							
								SASA275C-72	20.55											
								SASA335C-96	19.06											
								SASA340C-96	19.34											
								SASA345C-96	19.63											
								SASA350C-96	19.91											
					ii	Mono c-Si PERC Module	SASA350C-96 (350 Wp)	SASA355C-96	20.20	96 (Half cut cells)	1500	27.09.2024	26.09.2028							
								SASA360C-96	20.48											
								SASA365C-96	20.76											
								SASA375C-108	19.11											
								SASA380C-108	19.37											
								SASA385C-108	19.62											
					iii	Mono c-Si PERC Module	SASA395C-108 (395 Wp)	SASA390C-108	19.88	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								SASA395C-108	20.13											
								SASA400C-108	20.39											
								SASA405C-108	20.64											
								SASA410C-108	20.90											
								SASA415C-120	19.11											
					iv	Mono c-Si PERC Module	SASA435C-120 (435 Wp)	SASA420C-120	19.34	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								SASA425C-120	19.57											
								SASA430C-120	19.80											
								SASA435C-120	20.03											
								SASA440C-120	20.26											
								SASA445C-120	20.49											
					v	Mono c-Si PERC Module	SASA480C-132 (480 Wp)	SASA450C-120	20.72	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028							
								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

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)
								SASA500C-132	21.10			27.09.2024	26.09.2028
					vi	Mono c-Si PERC Module	SASA25C-144 (525 Wp)	SASA500C-144	19.35	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				SASA505C-144				19.55	27.09.2024			26.09.2028	
				SASA510C-144				19.74	27.09.2024			26.09.2028	
				SASA515C-144				19.94	27.09.2024			26.09.2028	
				SASA520C-144				20.13	27.09.2024			26.09.2028	
				SASA525C-144				20.32	27.09.2024			26.09.2028	
				SASA530C-144				20.52	27.09.2024			26.09.2028	
				SASA535C-144				20.71	27.09.2024			26.09.2028	
				SASA540C-144				20.90	27.09.2024			26.09.2028	
				SASA545C-144				21.09	27.09.2024			26.09.2028	
				SASA550C-144				21.29	27.09.2024			26.09.2028	
				SASA380M72				19.11	27.09.2024			26.09.2028	
				SASA385M72				19.37	27.09.2024			26.09.2028	
				SASA390M72				19.62	27.09.2024			26.09.2028	
				SASA395M72	19.87	27.09.2024	26.09.2028						
				SASA400M72	20.17	27.09.2024	26.09.2028						
								SASA350M66	19.20	72 (Full Cells)	1500	27.09.2024	26.09.2028
								SASA355M66	19.48			27.09.2024	26.09.2028
								SASA360M66	19.75			27.09.2024	26.09.2028
					viii	Mono c-Si PERC Module	SASA355M66 (355 Wp)	SASA320M60	19.25	66 (Full Cells)	1500	27.09.2024	26.09.2028
				SASA325M60				19.55	27.09.2024			26.09.2028	
				SASA330M60				19.85	27.09.2024			26.09.2028	
					ix	Mono c-Si PERC Module	SASA325M60 (325 Wp)	SASA290M54	19.30	60 (Full Cells)	1500	27.09.2024	26.09.2028
				SASA295M54				19.63	27.09.2024			26.09.2028	
				SASA300M54				19.90	27.09.2024			26.09.2028	
					x	Mono c-Si PERC Module	SASA300M54 (300 Wp)	SASA305M54	20.34	54 (Full Cells)	1500	27.09.2024	26.09.2028
				SASA255M48				19.00	27.09.2024			26.09.2028	
				SASA260M48				19.37	27.09.2024			26.09.2028	
					xi	Mono c-Si PERC Module	SASA260M48 (260 Wp)	SASA265M48	19.74	48 (Full Cells)	1500	27.09.2024	26.09.2028
				SASA24MPC385				19.17	27.09.2024			26.09.2028	
				SASA24MPC390				19.42	27.09.2024			26.09.2028	
					xii	Mono c-Si PERC Module	SASA24MPC395 (395 Wp)	SASA24MPC395	19.67	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				SASA24MPC400				19.70	27.09.2024			26.09.2028	
				SASA24MPC405				20.20	27.09.2024			26.09.2028	
31	M/s. SUNBOND Energy Pvt. Ltd.	S.No. 181/P2 Opp. 66 kV substation, Mitana- Padadhari Road , Mitana, Rajkot, Gujarat 363650, India	R-72005762	60				SEPL72F360M	18.1	72 (Full Cells)	1500	27.09.2022	26.09.2024
					i	Mono C-Si PERC Modules	SEPL72F375M, (375Wp)	SEPL72F365M	18.36				
								SEPL72F370M	18.62				
								SEPL72F375M	18.87				
								SEPL72F380M	19.12				
								SEPL72F385M	19.38				
								SEPL72F390M	19.63				
								SEPL66F325M	17.86				
								SEPL66F330M	18.12				
								SEPL66F335M	18.41				
								SEPL66F340M	18.67				
								SEPL66F345M	18.95				
								SEPL66F350M	19.22				
								SEPL66F355M	19.49				
								SEPL60F295M	17.75				
					SEPL60F300M	18.05							
					SEPL60F305M	18.36							
					SEPL60F310M	18.67							
					SEPL60F315M	18.98							
					SEPL60F320M	19.26							
					SEPL60F325M	19.59							
					SEPL54F275M	18.34							
					SEPL54F280M	18.67							
					SEPL54F285M	18.99							
					SEPL54F290M	19.33							
					SEPL48F240M	17.93							
					SEPL48F245M	18.29							
					SEPL48F250M	18.67							
					SEPL48F255M	19.01							
					SEPL48F260M	19.39							
					SEPL144C360M	17.93							
					SEPL144C365M	18.18							
					SEPL144C370M	18.43							
					SEPL144C375M	18.68							
					SEPL144C380M	18.93							
					SEPL144C385M	19.18							
					SEPL144C390M	19.44							

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)
					vii	Multi C-Si Modules	SEPL36F160P, (160Wp)	SEPL36F155P	15.77	36 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL36F160P	16.25				
					viii	Multi C-Si Modules	SEPL48F210P, (210Wp)	SEPL36F165P	16.74	48 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL48F200P	14.91				
								SEPL48F205P	15.27				
								SEPL48F210P	15.66				
								SEPL48F215P	16.04				
								SEPL48F220P	16.41				
								SEPL48F225P	16.48				
								SEPL48F230P	17.23				
					ix	Multi C-Si Modules	SEPL54F235P, (235Wp)	SEPL54F225P	14.99	54 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL54F230P	15.32				
								SEPL54F235P	15.65				
								SEPL54F240P	15.99				
					x	Multi C-Si Modules	SEPL60F265P, (265Wp)	SEPL54F245P	16.67	60 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL60F255P	15.43				
SEPL60F260P	15.72												
SEPL60F265P	16.01												
xi	Multi C-Si Modules	SEPL66F290P, (290Wp)	SEPL60F270P	16.33	66 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL66F275P	16.54									
			SEPL66F280P	15.41									
			SEPL66F285P	15.64									
xii	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL66F290P	15.92	72 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL66F295P	16.2									
			SEPL66F300P	16.48									
			SEPL72F300P	15.12									
xiii	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72F305P	15.36	72 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL72F315P	15.6									
			SEPL72F320P	15.89									
			SEPL72F325P	16.19									
xiv	Multi C-Si Module	SEPL72F340P (340 Wp)	SEPL72F330P	16.4	72 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL72C285P	14.37									
xv	Mono-PERC C-Si Module	SEPL72F400M (400Wp)	SEPL72C290P	14.61	72 (Full Cell)	1500	27.09.2022	26.09.2024					
			SEPL72C295P	14.87									
					xvi	Mono-PERC C-Si Module	SEPLM10-525 (525 Wp)	SEPL72F340P	17.12	72 (Full Cell)	1500	27.09.2022	26.09.2024
								SEPLM10-500	19.35				
					xvi	Mono-PERC C-Si Module	SEPLM10-525 (525 Wp)	SEPLM10-505	19.54	144 (Half Cut Cell)	1500	27.09.2022	26.09.2024
								SEPLM10-510	19.74				
								SEPLM10-515	19.93				
								SEPLM10-520	20.12				
								SEPLM10-525	20.32				
								SEPLM10-530	20.51				
								SEPLM10-535	20.71				
								SEPLM10-540	20.9				
								SEPLM10-545	21.09				
								SEPLM10-550	21.29				
								E545HCMW144	21.10				
								E540HCMW144	20.90				
								E535HCMW144	20.71				
								E530HCMW144	20.52				
E525HCMW144	20.32												
E520HCMW144	20.13												
E515HCMW144	19.94												
E510HCMW144	19.74												
E505HCMW144	19.55												
E500HCMW144	19.36												
E495HCMW144	19.16												
E545HCBG144	21.10												
E540HCBG144	20.90												
E535HCBG144	20.71												
E530HCBG144	20.52												
E525HCBG144	20.32												
E520HCBG144	20.13												
E515HCBG144	19.94												
E510HCBG144	19.74												
E505HCBG144	19.55												
E500HCBG144	19.36												
E495HCBG144	19.16												
E450HCMW120	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)
					iii	Mono c-Si PERC Modules	E430HCMW120 (430 Wp)	E445HCMW120 E440HCMW120 E435HCMW120 E430HCMW120 E425HCMW120 E420HCMW120 E415HCMW120	20.51 20.28 20.05 19.82 19.59 19.36 19.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E450HCBG120 E445HCBG120 E440HCBG120 E435HCBG120 E430HCBG120 E425HCBG120 E420HCBG120 E415HCBG120	20.74 20.51 20.28 20.05 19.82 19.59 19.36 19.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					v	Mono c-Si PERC Modules	E550HCMW144 (550 Wp)	E550HCMW144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E550HCBG144 (550 Wp)	E550HCBG144	21.29	144 Half Cut Cells	1500	27.09.2024	26.09.2028
					vii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E395HCBG108 (395 Wp)	E385HCBG108 E390HCBG108 E395HCBG108 E400HCBG108 E405HCBG108	19.74 20.00 20.25 20.51 20.76	108 Half Cut Cells	1500	27.09.2024	26.09.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	E490HCBG132 (490 Wp)	E480HCBG132 E485HCBG132 E490HCBG132 E495HCBG132 E500HCBG132	20.19 20.40 20.61 20.82 21.03	132 Half Cut Cells	1500	27.09.2024	26.09.2028
					ix	Mono c-Si PERC Module	E395HCMW108 (395 Wp)	E385HCMW108 E390HCMW108 E395HCMW108 E400HCMW108 E405HCMW108	19.74 20.00 20.25 20.51 20.76	108 Half Cut Cells	1500	27.09.2024	26.09.2028
					x	Mono c-Si PERC Module	E490HCMW132 (490 Wp)	E480HCMW132 E485HCMW132 E490HCMW132 E495HCMW132 E500HCMW132	20.19 20.40 20.61 20.82 21.03	132 Half Cut Cells	1500	27.09.2024	26.09.2028
					xi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E525HCBT144 (525 Wp)	E550HCBT144 E545HCBT144 E540HCBT144 E535HCBT144 E530HCBT144 E525HCBT144 E520HCBT144 E515HCBT144 E510HCBT144 E505HCBT144 E500HCBT144	21.29 21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.35	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E495HCBT144 (495 Wp)	E495HCBT144 E500HCBT132 E495HCBT132	19.16 21.03 20.81	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E490HCBT132 (490 Wp)	E490HCBT132 E485HCBT132 E480HCBT132	20.60 20.39 20.18	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xiv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E430HCBT120 (430 Wp)	E450HCBT120 E445HCBT120 E440HCBT120 E435HCBT120 E430HCBT120 E425HCBT120 E420HCBT120 E405HCBT108 E400HCBT108 E395HCBT108	20.74 20.51 20.28 20.05 19.82 19.59 19.36 20.76 20.51 20.25	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E395HCBT108 (395 Wp)	E390HCBT108	19.99	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Backsheet)		E385HCBT108	19.74				
					xvi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E580HCBG144-T E575HCBG144-T E570HCBG144-T E565HCBG144-T E560HCBG144-T E555HCBG144-T E550HCBG144-T E545HCBG144-T E540HCBG144-T E535HCBG144-T E530HCBG144-T	22.45 22.26 22.06 21.87 21.68 21.48 21.29 21.10 20.90 20.71 20.52	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xvii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xviii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T E525HCBG132-T E520HCBG132-T E515HCBG132-T E510HCBG132-T E505HCBG132-T E500HCBG132-T E495HCBG132-T E490HCBG132-T E485HCBG132-T E480HCBG132-T E480HCBG120-T E475HCBG120-T E470HCBG120-T E465HCBG120-T E460HCBG120-T E455HCBG120-T E450HCBG120-T E445HCBG120-T E440HCBG120-T E435HCBG108-T E430HCBG108-T E425HCBG108-T E420HCBG108-T E415HCBG108-T E410HCBG108-T E405HCBG108-T E400HCBG108-T E395HCBG108-T	22.29 22.08 21.87 21.66 21.45 21.24 21.03 20.81 20.60 20.39 20.18 22.13 21.90 21.66 21.43 21.20 20.97 20.74 20.51 20.28 22.30 22.04 21.79 21.53 21.28 21.02 20.76 20.51 20.25	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E460HCBG120-T E455HCBG120-T E450HCBG120-T E445HCBG120-T E440HCBG120-T E435HCBG108-T E430HCBG108-T E425HCBG108-T E420HCBG108-T E415HCBG108-T E410HCBG108-T E405HCBG108-T E400HCBG108-T E395HCBG108-T	21.20 20.97 20.74 20.51 20.28 22.30 22.04 21.79 21.53 21.28 21.02 20.76 20.51 20.25	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					xx	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T E430HCBG108-T E425HCBG108-T E420HCBG108-T E415HCBG108-T E410HCBG108-T E405HCBG108-T E400HCBG108-T E395HCBG108-T	22.30 22.04 21.79 21.53 21.28 21.02 20.76 20.51 20.25	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
33	M/s. Abhishek Solar Industries Pvt. Ltd	P.O- Vikash Neori, Beside Premchand Mahto High School, Ranchi-835217, Jharkhand	R-58000086	25	i	Multi C-Si Modules	ASPD-325 (325 Wp)	ASPD-315 ASPD-325 ASPD-335 ASP-315 ASP-325 ASP-335 ASP-265 ASP-265 ASP-270 ASP-275 ASPD-260 ASPD-265 ASPD-270 ASPD-275	16.19 16.81 17.35 16.19 16.81 17.35 15.9 16.25 16.54 16.93	72 Full Cells	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASP-325 (325 Wp)	ASP-315 ASP-325 ASP-335 ASP-265 ASP-265 ASP-270 ASP-275	16.19 16.81 17.35 15.9 16.25 16.54 16.93	72 Full Cells	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	ASP-265 (265 Wp)	ASP-265 ASP-270 ASP-275 ASPD-260 ASPD-265 ASPD-270 ASPD-275	16.19 16.81 17.35 15.9 16.25 16.54 16.93	60 Full Cells	1500	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	ASPD-265 (265 Wp)	ASPD-260 ASPD-265 ASPD-270 ASPD-275	15.95 16.15 16.56 16.48	60 Full Cells	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	ASPD-240 (240 Wp)	ASPD-230 ASPD-240	15.67 16.35	54 Full Cells	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	ASPD-200 (200 Wp)	ASPD-190 ASPD-200	15.12 16.31	42 Full Cells	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASPD-160 (160 Wp)	ASPD-160	16.1	36 Full Cells	1000	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	ASPD-125 (125 Wp)	ASPD-125	16.05	36 Cut Cells	1000	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	ASP-100 (100 Wp)	ASP-100	15.5	36 Cut Cells	1000	25.01.2023	24.01.2025

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	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
34	M/s. Aatmanirbhar Solar Pvt. Ltd.	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	93	i	Mono C-Si PERC Modules	ASPL380MP72 (380 Wp)	ASPL365MP72	18.39	72 FULL CELL	1500	25.01.2023	24.01.2025
								ASPL370MP72	18.64				
								ASPL375MP72	18.89				
								ASPL380MP72	19.14				
								ASPL385MP72	19.4				
								ASPL390MP72	19.65				
					ASPL395MP72	19.9							
					ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL305P72	15.72	72 FULL CELL	1500	25.01.2023	24.01.2025
								ASPL310P72	15.98				
								ASPL315P72	16.23				
								ASPL320P72	16.49				
								ASPL325P72	16.75				
								ASPL330P72	17.01				
					iii	Mono c-Si PERC Module	ASPL405MP108 (405 Wp)	ASPL335P72	17.26	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASPL390MP108	19.97				
								ASPL395MP108	20.23				
								ASPL400MP108	20.48				
								ASPL405MP108	20.74				
								ASPL410MP108	21.00				
					iv	Mono c-Si PERC Module	ASPL535MP144 (535 Wp)	ASPL415MP108	21.25	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASPL525MP144	20.32				
								ASPL530MP144	20.52				
								ASPL535MP144	20.71				
								ASPL540MP144	20.90				
								ASPL545MP144	21.10				
					v	Bifacial Mono c-Si PERC Module	ASPL585MP156 (585 Wp)	ASPL550MP144	21.29	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASPL580MP156	20.75				
								ASPL585MP156	20.93				
								ASPL590MP156	21.11				
								ASPL415TPC108	21.25				
								ASPL420TPC108	21.51				
					vi	N Type TOPCon Module	ASPL425TPC108 (425 Wp)	ASPL425TPC108	21.76	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASPL430TPC108	22.02				
								ASPL435TPC108	22.28				
								ASPL460TPC120	21.25				
								ASPL465TPC120	21.48				
ASPL470TPC120	21.71												
vii	N Type TOPCon Module	ASPL470TPC120 (470 Wp)	ASPL475TPC120	21.94	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			ASPL480TPC120	22.17									
			ASPL545TPC144	21.10									
			ASPL550TPC144	21.29									
			ASPL555TPC144	21.48									
			ASPL560TPC144	21.68									
viii	Bifacial N Type TOPCon Module	ASPL565TPC144 (565 Wp)	ASPL565TPC144	21.87	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			ASPL570TPC144	22.06									
			ASPL575TPC144	22.26									
			ASPL580TPC144	22.45									
			ASPL585TPC144	22.64									
			ASPL605TPC156	21.64									
ix	Bifacial N Type TOPCon Module	ASPL620TPC156 (620 Wp)	ASPL610TPC156	21.82	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			ASPL615TPC156	22.00									
			ASPL620TPC156	22.18									
			ASPL625TPC156	22.36									
			ASPL630TPC156	22.54									
			ASPL1210	9.52									
35	M/s. Aameya Solar & Semiconductor Pvt. Ltd.	Survey No. 161/1/1A, Rajpeta Road, Maridimamba Temple, Nagavaram Village, Munugapaka Mandiam, Vishaka Patnam, Andhra Pradesh- 531033, India	R-66001040	14	i	Multi C-Si Modules	ASSPL-1210 (10 Wp)	ASSPL-1210	9.52	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASSPL-1240 (40 Wp)	ASSPL-1240	12.4	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	ASSPL-1250 (50 Wp)	ASSPL-1250	13.43	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	ASSPL-1275 (75 Wp)	ASSPL-1275	14.01	36 (Cut Cells)	600	25.01.2023	24.01.2025
					v	Multi C-Si Modules	ASSPL-12100 (100 Wp)	ASSPL-12100	14.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	ASSPL-12160 (160 Wp)	ASSPL-12160	16.2	36 (Full Cells)	1000	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20250	15.19	60 (Full Cells)	1500	25.01.2023	24.01.2025
								ASSPL-20260	15.8				
								ASSPL-20270	16.4				

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	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24300 ASSPL-24310 ASSPL-24320	15.32 15.83 16.34	72 (Full Cells)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24330 ASSPL-24340 ASSPL-24350	16.85 17.36 18.87	72 (Full Cells)	1500	25.01.2023	24.01.2025
36	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/0, Dhoop Building, Volvot Road, Cultj, Ponda, South Goa - 403401, India	R-71013536	143	i	Mono C-Si PERC Modules	DHOOP PM72 345 (345Wp)	DHOOP PM72 330Wp DHOOP PM72 335Wp DHOOP PM72 340Wp DHOOP PM72 345Wp DHOOP PM72 350Wp DHOOP PM72 355Wp DHOOP PM72 360Wp DHOOP PM72 370Wp	17 17.26 17.52 17.78 18.03 18.3 18.55 19.01	72 (Full Cells)	1500	25.01.2023	24.01.2025
					ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 375Wp DHOOP PM72 380Wp DHOOP PM72 385Wp DHOOP PM72 390Wp DHOOP PM72 395Wp DHOOP PM72 400Wp	19.26 19.52 19.78 20.04 20.29 20.55	72 (Full Cells)	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PP48 200Wp DHOOP PP48 205Wp DHOOP PP48 210Wp DHOOP PP48 215Wp DHOOP PP48 220Wp	15.2 15.64 15.89 16.27 16.64	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 DHOOP PP48 235Wp	17.02 17.4 17.78	48 (Full Cells)	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP60 250Wp DHOOP PP60 255Wp DHOOP PP60 260Wp DHOOP PP60 265Wp DHOOP PP60 270Wp	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 DHOOP PP72 305Wp DHOOP PP72 310Wp DHOOP PP72 315Wp DHOOP PP72 320Wp DHOOP PP72 325Wp DHOOP PP72 330Wp	16.67 17.08 15.41 15.67 15.92 16.18 16.44 16.69 16.95	60 (Full Cells)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	DHOOP PP72 315 (315Wp)	DHOOP PP72 315Wp DHOOP PP72 320Wp DHOOP PP72 325Wp DHOOP PP72 330Wp	16.18 16.44 16.69 16.95	72 (Full Cells)	1500	25.01.2023	24.01.2025
					viii	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 DHF-72HG-540	19.11 19.30 19.50 19.69 19.88 20.08 20.27 20.46 20.66 20.85	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-545 DHF-72HG-550 DHF-66HG-455 DHF-66HG-460 DHF-66HG-465 DHF-66HG-470 DHF-66HG-475 DHF-66HG-480	21.04 21.24 19.12 19.33 19.54 19.75 19.96 20.17	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-465 DHF-66HG-470 DHF-66HG-475 DHF-66HG-480	19.75 19.96 20.17	132 (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)
								DHF-66HG-485	20.38				
					xxii	Bifacial Mono c-Si PERC Module	DHF-66HG-495 (495 Wp)	DHF-66HG-490	20.59	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-66HG-495	20.80				
								DHF-66HG-500	21.01				
								DHF-66HG-505	21.22				
					xxiii	Bifacial Mono c-Si PERC Module	DHF-54HG-380 (380 Wp)	DHF-54HG-375	19.13	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-54HG-380	19.38				
								DHF-54HG-385	19.64				
								DHF-54HG-390	19.89				
								DHF-54HG-395	20.15				
					xxiv	Bifacial Mono c-Si PERC Module	DHF-54HG-405 (405 Wp)	DHF-54HG-400	20.40	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-54HG-405	20.66				
								DHF-54HG-410	20.91				
								DHF-60HG-600	20.75				
								DHF-60HG-595	20.58				
								DHF-60HG-590	20.40				
								DHF-60HG-585	20.23				
					xxv	Bifacial Mono c-Si PERC Module	DHF-60HG-575 (575 Wp)	DHF-60HG-580	20.06	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-60HG-575	19.88				
								DHF-60HG-570	19.71				
								DHF-60HG-565	19.54				
								DHF-60HG-560	19.37				
								DHF-60HG-555	19.19				
								DHF-60HG-550	19.20				
								DHF-54HG-540	20.78				
								DHF-54HG-535	20.58				
								DHF-54HG-530	20.39				
					xxvi	Bifacial Mono c-Si PERC Module	DHF-54HG-515 (515 Wp)	DHF-54HG-525	20.20	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								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				
								DHF-48HG-480	20.69				
								DHF-48HG-475	20.48				
								DHF-48HG-470	20.26				
					xxvii	Bifacial Mono c-Si PERC Module	DHF-48HG-460 (460 Wp)	DHF-48HG-465	20.05	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-48HG-460	19.83				
								DHF-48HG-455	19.62				
								DHF-48HG-450	19.40				
								DHF-48HG-445	19.18				
								DHF-72H-550	21.24				
								DHF-72H-545	21.04				
								DHF-72H-540	20.85				
					xxviii	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-535	20.66	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								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				
					xxix	Mono c-Si PERC Module	DHF-72H-500 (500 Wp)	DHF-72H-500	19.30	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-72H-495	19.11				
								DHF-66H-505	21.22				
								DHF-66H-500	21.01				
								DHF-66H-495	20.80				
					xxx	Mono c-Si PERC Module	DHF-66H-490 (490 Wp)	DHF-66H-490	20.59	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-66H-485	20.38				
								DHF-66H-480	20.17				
								DHF-66H-475	19.96				
								DHF-66H-470	19.75				
								DHF-66H-465	19.54				
					xxxi	Mono c-Si PERC Module	DHF-66H-460 (4600 Wp)	DHF-66H-460	19.33	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-66H-455	19.12				
								DHF-54H-410	20.91				
								DHF-54H-405	20.66				
								DHF-54H-400	20.40				
					xxxii	Mono c-Si PERC Module	DHF-54H-400 (400 Wp)	DHF-54H-395	20.15	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-54H-390	19.89				
								DHF-54H-385	19.64				
								DHF-54H-380	19.38				
					xxxiii	Mono c-Si PERC Module	DHF-54H-380	DHF-54H-380	19.38	108 (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)				
					xxxiv	Mono c-Si PERC Module	DHF-60H-575 (575 Wp)	DHF-60H-570	19.13	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025				
								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								
					xxxv	Mono c-Si PERC Module	DHF-54H-515 (515 Wp)	DHF-54H-540	20.78	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025				
								DHF-54H-535	20.58								
								DHF-54H-530	20.39								
								DHF-54H-525	20.20								
								DHF-54H-520	20.01								
								DHF-54H-515	19.81								
								DHF-54H-510	19.62								
								DHF-54H-505	19.43								
								DHF-54H-500	19.24								
								DHF-54H-495	19.05								
								DHF-48H-480	20.69								
								DHF-48H-475	20.48								
					xxxvi	Mono c-Si PERC Module	DHF-48H-460 (460 Wp)	DHF-48H-470	20.26	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025				
								DHF-48H-465	20.05								
								DHF-48H-460	19.83								
								DHF-48H-455	19.62								
								DHF-48H-450	19.40								
								DHF-48H-445	19.18								
								SS72F315P	16.23					72 (Full Cell)	1500	25.01.2023	24.01.2025
								SS72F320P	16.49								
								SS72F325P	16.75								
								SS72F330P	17.01								
								SS66F280P	15.67								
								SS66F285P	15.95								
SS66F290P	16.23																
SS66F295P	16.51																
SS66F300P	16.79																
SS60F250P	15.4																
SS60F255P	15.71																
SS60F260P	16.01																
37	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	R-72005800	89	i	Multi C-Si Modules	SS72F330P (330 Wp)	SS72F370M	18.62	72 (Full Cell)	1500	25.01.2023	24.01.2025				
								SS72F375M	18.87								
								SS72F380M	19.12								
ii	Multi C-Si Modules	SS66F290P (290 Wp)	SS72F385M	19.38	66 (Full Cell)	1500	25.01.2023	24.01.2025									
			SS72F390M	19.63													
			SS66F325M	17.86													
iii	Multi C-Si Modules	SS60F255P (255 Wp)	SS66F330M	18.12	66 (Full Cell)	1500	25.01.2023	24.01.2025									
			SS66F335M	18.41													
			SS66F340M	18.67													
iv	Multi C-Si Modules	SS60F265P (265 Wp)	SS66F345M	18.95	60 (Full Cell)	1500	25.01.2023	24.01.2025									
			SS66F350M	19.22													
			SS66F355M	19.49													
v	Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS60F295M	17.75	60 (Full Cell)	1500	25.01.2023	24.01.2025									
			SS60F300M	18.05													
			SS60F305M	18.36													
vi	Mono C-Si PERC Modules	SS66F340M (340 Wp)	SS60F310M	18.67	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SS60F315M	18.98													
			SS60F320M	19.26													
vii	Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS60F325M	19.59	60 (Full Cell)	1500	25.01.2023	24.01.2025									
			SS144C375M	18.67													
			SS144C380M	18.92													
viii	Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS144C385M	19.17	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SS144C390M	19.42													
			SS132C480M	20.21													
ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C485M	20.45	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SS132C490M	20.64													
			SS132C495M	20.85													
							SS132C500M	21.06									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS144C505M	19.55	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
								SS144C510M	19.75								
								SS144C515M	19.94								
					xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C520M	20.13	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
								SS144C525M	20.32								
								SS144C530M	20.52								
								SS144C535M	20.71								
								SS144C540M	20.9								
								SS144C545M	21.1								
								SS144C550M	21.29								
								SS144C555M	21.48								
								SS144C560M	21.68								
								SS156C565M	20.21								
					xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C570M	20.39	156 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
								SS156C575M	20.57								
								SS156C580M	20.75								
								SS156C585M	20.93								
								SUN36P075	7.45					36 (Cut Cell)	600	25.01.2023	24.01.2025
								SUN36P100	9.94								
SUN36P150	14.91																
iv	Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P155	15.41	36 (Full Cell)	1000	25.01.2023	24.01.2025									
			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													
			SUN48P220	16.34													
			SUN60P260	15.61													
vi	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN60P265	15.91	60 (Full Cell)	1500	25.01.2023	24.01.2025									
			SUN60P270	16.21													
			SUN60P275	16.51													
			SUN72P310	15.56					72 (Full Cell)	1500	25.01.2023	24.01.2025					
SUN72P315	15.88																
SUN72P320	16.13																
SUN72P325	16.39																
SUN72P330	16.64																
SUN72P333	16.79																
SUN72P335	16.9																
viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P550	21.34	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SUN144P545	21.14													
			SUN144P540	20.95													
			SUN144P535	20.76													
			SUN144P530	20.56													
			SUN144P525	20.37													
			SUN144P520	20.18													
ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P465	21.45	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SUN120P460	21.23													
			SUN120P455	21.01													
			SUN120P450	20.79													
			SUN120P445	20.55													
			SUN120P440	20.30													
			SUN120P435	20.07													
			SUN108P420	21.43					108 (Half Cut Cell)	1500	25.01.2023	24.01.2025					
SUN108P415	21.16																
SUN108P410	20.90																
SUN108P405	20.65																
SUN108P400	20.39																
38	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	SUN36P150 (150 Wp)	SUN36P150	14.91	36 (Cut Cell)	600	25.01.2023	24.01.2025				
								SUN36P155	15.41								
								SUN36P160	15.94								
					iii	Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P160	15.94	36 (Full Cell)	1000	25.01.2023	24.01.2025				
								SUN36P165	16.41								
								SUN48P205	15.23					48 (Full Cell)	1000	25.01.2023	24.01.2025
					SUN48P210	15.6											
					SUN48P220	16.34											
					SUN60P260	15.61											
					vi	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN60P265	15.91	60 (Full Cell)	1500	25.01.2023	24.01.2025				
								SUN60P270	16.21								
								SUN60P275	16.51								
								SUN72P310	15.56					72 (Full Cell)	1500	25.01.2023	24.01.2025
					SUN72P315	15.88											
					SUN72P320	16.13											
					SUN72P325	16.39											
					SUN72P330	16.64											
					SUN72P333	16.79											
SUN72P335	16.9																
viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P550	21.34	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SUN144P545	21.14													
			SUN144P540	20.95													
			SUN144P535	20.76													
			SUN144P530	20.56													
			SUN144P525	20.37													
			SUN144P520	20.18													
ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P465	21.45	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025									
			SUN120P460	21.23													
			SUN120P455	21.01													
			SUN120P450	20.79													
			SUN120P445	20.55													
			SUN120P440	20.30													
			SUN120P435	20.07													
			SUN108P420	21.43					108 (Half Cut Cell)	1500	25.01.2023	24.01.2025					
SUN108P415	21.16																
SUN108P410	20.90																
SUN108P405	20.65																
SUN108P400	20.39																
39	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	20.03	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025				
								ASM565	20.21								
								ASM570	20.39								
								ASM575	20.57								
								ASM580	20.75								
								ASM585	20.93								
								ASM505	19.55					144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM510	19.74								
					ASM515	19.94											
					ASM520	20.13											
					ASM525	20.32											
					ASM530	20.52											
					ASM535	20.71											
					ASM540	20.9											
					ASM545	21.09											
					ASM550	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)
					iii	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM500	21.07	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM495	20.85				
								ASM490	20.64				
								ASM485	20.43				
								ASM480	20.22				
								ASM475	20.01				
								ASM470	19.8				
								ASM465	19.59				
								ASM460	19.38				
								ASM450	20.79				
								ASM445	20.57				
								ASM440	20.33				
					iv	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM435	20.1	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM430	19.87				
								ASM425	19.64				
								ASM420	19.41				
								ASM415	19.18				
								ASM410	18.94				
								ASM250	18.87				
								ASM255	19.25				
					v	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM260	19.62	72 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM265	20				
								ASM270	20.38				
								ASM125	18.39				
					vi	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM130	19.12	36 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM135	19.86				
								AS325WP	16.62				
					vii	Multi C-Si Module	AS330WP (330Wp)	AS330WP	16.87	72 (Full Cell)	1500	25.01.2023	24.01.2025
AS335WP	17.13												
AS340WP	17.38												
AS345WP	17.64												
L20265P-255W	15.46												
40	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-260W	15.76	60 (Full Cells)	1000	25.01.2023	24.01.2025
								L20265P-265W	16.07				
								L20265P-270W	16.37				
								L20265P-275W	16.67				
								L24315P-300W	15.4				
					ii	Multi C-Si Modules	L24315P-315W (315 Wp)	L24315P-305W	15.7	72 (Full Cells)	1000	25.01.2023	24.01.2025
								L24315P-310W	15.9				
								L24315P-315W	16.2				
								L24315P-320W	16.5				
								L24315P-325W	16.7				
								L24315P-330W	17				
					iii	Multi C-Si Modules	PSAAA1B-260W (260 Wp)	PSAAA1B-250W	15.4	60 (Full Cells)	1500	25.01.2023	24.01.2025
PSAAA1B-255W	15.71												
PSAAA1B-260W	16.02												
PSAAA1B-265W	16.33												
PSAAA1B-270W	16.64												
iv	Multi C-Si Modules	PSAAB1B-315W (315 Wp)	PSAAB1B-300W	15.48	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PSAAB1B-305W	15.73									
			PSAAB1B-310W	15.99									
			PSAAB1B-315W	16.25									
			PSAAB1B-320W	16.51									
v	Mono PERC C-Si Modules	MSABB1B-385W (385 Wp)	PSAAB1B-325W	16.77	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			MSABB1B-370W	18.5									
			MSABB1B-375W	18.75									
			MSABB1B-380W	19									
			MSABB1B-385W	19.25									
			MSABB1B-390W	19.5									
			MSABB1B-395W	19.75									
			MSABB1B-400W	20									
41	M/s. Credence Solar Panels Private Limited	Plot No. 18&19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	R-72006165	500	i	Mono PERC C-Si Module	CS-QU650-132 (650 Wp)	CS-QU670-132	21.60	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QU665-132	21.50				
								CS-QU660-132	21.30				
								CS-QU655-132	21.10				
								CS-QU650-132	20.44				
								CS-QU645-132	20.28				
								CS-QU640-132	20.13				
								CS-QU635-132	19.97				
								CS-QU630-132	19.81				
								CS-QU625-132	19.66				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								CS-QU620-132	19.5				
					ii	Mono PERC C-Si Module	CS-QU575-120 (575 Wp)	CS-QU590-120	20.76	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
				CS-QU585-120				20.58					
				CS-QU580-120				20.41					
				CS-QU575-120				20.23					
				CS-QU570-120				20.05					
				CS-QU565-120				19.88					
				CS-QU560-120				19.7					
				CS-QU555-120				19.53					
				CS-QU550-120				19.35					
				CS-QU540-110				20.67					
				CS-QU535-110				20.48					
				CS-QU530-110	20.28								
				CS-QU525-110	20.09								
				CS-QU520-110	19.9								
				CS-QU515-110	19.71								
				CS-QU510-110	19.52								
				CS-QU505-110	19.33								
				CS-QU500-110	19.14								
				CS-QB650-132	20.47								
				CS-QB645-132	20.31								
				CS-QB640-132	20.15								
				CS-QB635-132	19.99								
				CS-QB630-132	19.84								
				CS-QB625-132	19.68								
				CS-QB620-132	19.52								
				CS-QB590-120	20.77								
				CS-QB585-120	20.6								
				CS-QB580-120	20.42								
				CS-QB575-120	20.25								
				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								
				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								
				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								
				CS-SN340-144	17.1								
				CS-SN335-144	16.85								
				CS-SN330-144	16.6								
				CS-SN325-144	16.35								
				CS-SN320-144	16.1								
				CS-SN315-144	15.85								
				CS-SN310-144	15.59								
				CS-QB655-132	21.08								
				CS-QB650-132	21.25								
				CS-QB665-132	21.41								
				CS-QB670-132	21.57								
				CS-QB675-132	21.73								
				CS-QB680-132	21.89								
				CS-QB685-132	22.05								
				CS-QB595-120	21.01								
				CS-QB600-120	21.2								

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)							
					x	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB610-120 (610 Wp)	CS-QB605-120	21.37	120 (Half Cut Cells) 12 BB (Cell Size 210x210mm)	1500	25.01.2023	24.01.2025							
								CS-QB610-120	21.54											
								CS-QB615-120	21.72											
								CS-QB620-120	21.9											
								CS-QB545-110	20.86											
								CS-QB550-110	21.05											
								CS-QB555-110	21.24											
								CS-QB560-110	21.43											
								CS-QB565-110	21.62											
								CS-QB570-110	21.81											
								CS-HB545-156	19.66											
								CS-HB550-156	19.84											
					CS-HB555-156	20.02														
					CS-HB560-156	20.2														
					CS-HB565-156	20.38														
					CS-HB570-156	20.56														
					CS-HB575-156	20.74														
					CS-HB580-156	20.92														
					CS-HB585-156	21.1														
					CS-HB590-156	21.28														
					CS-HB595-156	21.46														
					CS-HB505-144	19.7														
					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														
					xi	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB560-110 (560 Wp)	CS-QB565-110	21.05	110 (Half Cut Cells) 12 BB (Cell Size 210x210mm)	1500	25.01.2023	24.01.2025							
								CS-QB555-110	21.24											
								CS-QB560-110	21.43											
								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	20.2											
								CS-HB565-156	20.38											
								CS-HB570-156	20.56											
CS-HB575-156	20.74																			
CS-HB580-156	20.92																			
CS-HB585-156	21.1																			
CS-HB590-156	21.28																			
CS-HB595-156	21.46																			
CS-HB505-144	19.7																			
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																			
xii	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570 Wp)	SGM-400	20.61	156 (Half Cut cells) 10 BB (Cell Size 182x182mm)	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																
			SGM-150	15.03																
			SG-330	17.01																
			SG-325	16.75																
SG-320	16.49																			
SG-315	16.23																			
SG-310	15.98																			
SG-300	15.46																			
xiii	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530 Wp)	SG-300Z	16.78	72 (Full Cell)	1500	25.01.2023	24.01.2025												
			SG-250	15.4																
			SG-200	15.2																
			SG-200Z	16.89																
			SG-150	15.03																
			SGTP144-525	20.32																
			SGTP144-530	20.52																
			SGTP144-535	20.71																
			42	M/s. Ganesh Green Bharat Limited (Formally Known as M/s. Ganesh Electrical Pvt. Ltd.)					Survey No. 319/320/321, Tundalli, Tundalli approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	R-72005886	131	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)	SGM-390	20.01	72 (Full Cell)	1500	25.01.2023	24.01.2025
												ii	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-345	19.3	66 (Full Cell)	1500	25.01.2023	24.01.2025
												iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2023	24.01.2025
												iv	Mono PERC C-Si Modules	SGM-150 (150 Wp)	SGM-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	SG-315 (315 Wp)	SG-315	16.23	72 (Full Cell)	1500	25.01.2023	24.01.2025							
					vi	Multi C-Si Modules	SG-300Z (300 Wp)	SG-300Z	16.78	66 (Full Cell)	1500	25.01.2023	24.01.2025							
					vii	Multi C-Si Modules	SG-250 (250 Wp)	SG-250	15.4	60 (Full Cell)	1500	25.01.2023	24.01.2025							
					viii	Multi C-Si Modules	SG-200 (200 Wp)	SG-200	15.2	48 (Full Cell)	1500	25.01.2023	24.01.2025							
					ix	Multi C-Si Modules	SG-200Z (200 Wp)	SG-200Z	16.89	42 (Full Cell)	1500	25.01.2023	24.01.2025							
					x	Multi C-Si Modules	SG-150 (150 Wp)	SG-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025							
								SGTP144-525	20.32											
								SGTP144-530	20.52											
								SGTP144-535	20.71											

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	N-Type TOPCon Module	SGTP144-550 (550Wp)	SGTP144-540	20.90	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								SGTP144-545	21.09				
								SGTP144-550	21.29				
								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	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								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				
					3	N-Type TOPCon Module	SGTP120-445 (445Wp)	SGTP132-515	21.69	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								SGTP120-425	19.63				
								SGTP120-430	19.86				
								SGTP120-435	20.09				
								SGTP120-440	20.32				
								SGTP120-445	20.56				
								SGTP120-450	20.79				
								SGTP120-455	21.02				
					4	N-Type TOPCon Module	SGTP108-400 (400Wp)	SGTP120-460	21.25	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								SGTP120-465	21.48				
								SGTP108-385	19.71				
								SGTP108-390	19.97				
								SGTP108-395	20.23				
								SGTP108-400	20.48				
								SGTP108-405	20.74				
								SGTP108-410	20.99				
					5	Mono c-Si PERC Module	SGMJ144-535 (535Wp)	SGTP108-415	21.25	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								SGTP108-420	21.50				
								SGMJ144-520	20.13				
								SGMJ144-525	20.32				
								SGMJ144-530	20.52				
								SGMJ144-535	20.71				
								SGMJ144-540	20.90				
								SGMJ144-545	21.09				
6	Mono c-Si PERC Module	SGMJ132-455 (455Wp)	SGMJ144-550	21.29	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			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	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			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									
9	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-440	20.32	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			SGMJ120-445	20.56									
			SGMJ120-450	20.79									
			SGMJ120-455	21.02									
			SGMJ108-375	19.20									
			SGMJ108-380	19.46									
			SGMJ108-385	19.71									
			SGMJ108-390	19.97									
10	Mono c-Si PERC Module	SGMJ108-385 (385Wp)	SGMJ108-395	20.23	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			H300P72	14.9									
			H305P72	15.14									
			H310P72	15.39									
43	M/s. H R Solar Solution Private Limited	Raghudebpur, NH-6, Panchla, 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

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Multi C-Si Modules	H335P72 (335 Wp)	H320P72	15.89	72 (Full Cell)	1500	25.01.2023	24.01.2025
								H325P72	16.14				
								H330P72	16.39				
								H335P72	16.63				
					iii	Multi C-Si Modules	H155P36 (155 Wp)	H150P36	14.76	36 (Full Cell)	1500	25.01.2023	24.01.2025
								H155P36	15.26				
								H160P36	15.75				
								H500M144	19.36				
					iv	Mono c-Si PERC Module	H525M144 (525 Wp)	H505M144	19.55	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								H510M144	19.74				
								H515M144	19.94				
								H520M144	20.13				
								H525M144	20.32				
								H530M144	20.52				
								H535M144	20.71				
								H540M144	20.9				
					v	Mono c-Si PERC Module	H400M72 (400 Wp)	H545M144	21.1	72 (Full Cells)	1500	25.01.2023	24.01.2025
								H385M72	19.11				
								H390M72	19.36				
								H395M72	19.61				
H400M72	19.86												
H405M72	20.11												
H410M72	20.36												
44	M/s. Innovative Solar Solutions	No. 102/C Shed, 2nd main Road, Machohalli, Bapagrama (Post) Bangalore-560072, Karnataka	R-62002550	24				i	Multi C-Si Modules				
					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
		Co-ALMM with M/s Spark Solar Technologies Pvt. Ltd.	R-71028517	15 (As per Co-Branding Agreement)	Manufacturing Address: N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	ii	Mono c-Si PERC Modules	INV 535-144R M10 (535 Wp)	INV-P-12V-40wp	INV-P-12V-40wp	14.1	36 (Cut Cell)	1000
INV 545-144R M10	21.12								144 (Half Cut Cells)	1500	08.07.2024	24.01.2025	
INV 540-144R M10	20.92												
INV 535-144R M10	20.73												
INV 530-144R M10	20.54												
INV 525-144R M10	20.34												
xiii	Mono c-Si PERC Modules	INV 495-132R M10 (495 Wp)	INV 500-132R M10	21.06	(132 Half Cut Cells)	1500	08.07.2024	24.01.2025					
			INV 495-132R M10	20.85									
			INV 490-132R M10	20.64									
45	M/s Plaza Power & Infrastructure Co	923/56, Village Katha, Baddi, Solan-173205, Himachal Pradesh	R-96003131	31	i	Multi C-Si Modules	PS36CPD040Wp (40 Wp)	PS36CPD040Wp	13.9	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	PS36CPD050Wp (50Wp)	PS36CPD050Wp	13.76	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	PS36CPD055Wp (55 Wp)	PS36CPD055Wp	15.15	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	PS36CPD060Wp (60Wp)	PS36CPD060Wp	16.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					v	Multi C-Si Modules	PS36CPD065Wp (65 Wp)	PS36CPD065Wp	17.9	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	PS36CPD070Wp (70 Wp)	PS36CPD070Wp	13.53	36 (Cut Cells)	600	25.01.2023	24.01.2025

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)
Systems Private Limited	Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh				i	Mono PERC C-Si Modules	UTL530-72M (530 Wp)	UTL535-72M	20.55	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL530-72M	20.35				
								UTL525-72M	20.15				
					ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	UTL520-72M	20	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
								UTL540-144M	20.75				
								UTL535-144M	20.55				
					iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL530-144M	20.35	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL525-144M	20.15				
								UTL520-144M	20				
					iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL440-72M	20.2	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
								UTL435-72M	19.97				
								UTL430-72M	19.78				
					v	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL425-72M	19.51	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL440-144M	20.2				
								UTL435-144M	19.97				
					vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL430-144M	19.78	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL425-72M	19.51				
								UTL420-72M	19.3				
					vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL400-72M	20.06	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL395-72M	19.8				
								UTL385-72M	19.3				
					viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL380-72M	19.05	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL400-72M	20.06				
								UTL395-72M	19.8				
					ix	Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL390-72M	19.55	60 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL385-72M	19.3				
								UTL380-72M	19.05				
					x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL335-72PI	16.89	60 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL330-72PI	16.65				
								UTL335-72P	17.26				
					xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL330-72P	17.01	36 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL275-60PI	16.9				
								UTL270-60PI	16.6				
xii	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL265-60PI	16.3	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL275-60P	16.9									
			UTL270-60P	16.6									
xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL265-60P	16.3	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL200-36MI	19.7									
			UTL195-36MI	19.2									
xiv	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL190-36MI	18.75	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL205-36M	20.2									
			UTL200-36M	19.7									
xv	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL190-36M	18.75	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL165-36PI	16.7									
			UTL160-36PI	16.15									
xvi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL155-36PI	15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL160-36PI	16.15									
			UTL155-36P	15.65									
xvii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL150-36P	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL125-36PI	15.15									
			UTL125-36P	16.78									
xviii	Multi- C-Si Modules	UTL110-36P (110 Wp)	UTL110-36P	16.38	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL110-36PI	16.38									
			UTL105-36P	15.63									
xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL100-36P	14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL110-36PI	16.38									
			UTL105-36PI	15.63									
xx	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL100-36PI	14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL85-36PI	16.6									
			UTL80-36PI	15.62									
xxi	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL85-36P	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL85-36P	16.6									
xxii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P	16.6	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)
					xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					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	UTL75-36P1 (75 Wp)	UTL75-36P1	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	UTL60-36P1 (60 Wp)	UTL60-36P1	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxix	Multi- C-Si Modules	UTL55-36P1 (55 Wp)	UTL55-36P1	13.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxx	Multi- C-Si Modules	UTL50-36P1 (50 Wp)	UTL50-36P1	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	UTL45-36P1 (45 Wp)	UTL45-36P1	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					
48	M/s. Genus Innovation Limited	SPL-2B, RIICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	R-84003395	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72	18.55	72 (Full Cells)	1500	27.02.2023	26.02.2025
								GM365F72	18.81				
								GM370F72	19.07				
								GM375F72	19.33				
								GM380F72	19.58				
								GM385F72	19.84				
								GM390F72	20.1				
					ii	Multi C-Si Module	GI320F72 (320 Wp)	GI305F72	15.72	72 (Full Cells)	1500	27.02.2023	26.02.2025
								GI310F72	15.98				
								GI315F72	16.23				
								GI320F72	16.49				
								GI325F72	16.75				
								GI330F72	17.01				
iii	Multi C-Si Module	GI165F36 (165 Wp)	GI165F36	16.71	36 (Full Cells)	1000	27.02.2023	26.02.2025					
			GI170F36	17.22									
iv	Multi C-Si Module	GI150F36 (150 Wp)	GI150F36	15.19	36 (Full Cells)	1000	27.02.2023	26.02.2025					
49	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SS 540-144R M10	20.92				
								SS 535-144R M10	20.73				
								SS 530-144R M10	20.54				
								SS 525-144R M10	20.34				
					ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 500-132R M10	21.06	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								SS 495-132R M10	20.85				
								SS 490-132R M10	20.64				
								SS 495-132R M10	20.85				
								SS 490-132R M10	20.64				
50	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonpat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027
								RSL72FM-380WP	19.4				
								RSL72FM-370WP	19.2				
					ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL600M	21.28	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL595M	21.11				
								RSL590M	20.94				
								RSL585M	20.77				
								RSL580M	20.60				
								RSL575M	20.40				
					iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL570M	22.07	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								RSL565M	21.87				
								RSL560M	21.68				
								RSL555M	21.49				
								RSL550M	21.30				
								RSL545M	21.10				
								RSL540M	20.91				
								RSL535M	20.72				
								RSL530M	20.51				
RSL525M	20.33												
RSL520M	21.70												
RSL515M	21.48												
RSL510M	21.28												
							RSL505M	21.06					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL500M	20.86	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027	
								RSL495M	20.65					
								RSL490M	20.44					
								RSL485M	20.23					
								RSL480M	20.03					
					v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL475M	19.81					
								RSL470M	19.61					
								RSL465M	19.40					
								RSL460M	21.04					
								RSL455M	20.82					
					vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL450M	20.59					
								RSL445M	20.35					
								RSL440M	20.13					
								RSL435M	19.89					
								RSL430M	19.68					
					vii	Mono c-Si PERC Module	RSL380M (380 Wp)	RSL425M	19.44					
								RSL420M	19.22					
								RSL395M	20.03					
								RSL390M	19.76					
								RSL385M	19.51					
viii	Mono c-Si PERC Module	RSL345M (345 Wp)	RSL380M	19.26										
			RSL375M	19.01										
			RSL360M	20.48										
			RSL355M	20.20										
			RSL350M	19.92										
51	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-2 , 168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppapaalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	R-61003433	627	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	RSL340M	19.35	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027	
								RSL335M	19.07					
								SWM11BN6540	20.77					
								SWM11BN6535	20.57					
								SWM11BN6530	20.38					
								SWM11BN6525	20.19					
								SWM11BN6520	20					
								SWM11BN6515	19.81					
								SWM11BN6510	19.62					
								SWM11BN6505	19.42					
					SWM11BN6500	19.23								
					ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4495	20.71					
								SWM11BN4490	20.5					
								SWM11BN4485	20.29					
								SWM11BN4480	20.09					
								SWM11BN4475	19.87					
					iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN4470	19.66					
								SWM11BN4465	19.46					
								SWM11BN4460	19.25					
								SWM11BN4455	19.04					
SWM11BN2450	20.65													
iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN2445	20.42										
			SWM11BN2440	20.19										
			SWM11BN2435	19.96										
			SWM11BN2430	19.73										
			SWM11BN2425	19.5										
v	Mono c-Si PERC Module	SWM11BB0385 (385 Wp)	SWM11BN2420	19.27										
			SWM11BN2415	19.04										
			SWM11BN0405	20.57										
			SWM11BN0400	20.32										
			SWM11BN0395	20.06										
						Mono-PERC C-Si Module	SWM11BN0375 (375 Wp)	SWM11BN0390	19.81	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027	
								SWM11BN0385	19.55					
								SWM11BN0380	19.3					
								SWM11BN0375	19.05					
								SWM11BB0375	19.20					
											Mono c-Si PERC Module	SWM11BB0400 (400 Wp)	SWM11BB0380	19.46
													SWM11BB0385	19.71
													SWM11BB0390	19.97
													SWM11BB0395	20.22
													SWM11BB0400	20.48
							SWM11BB0410 (410 Wp)	SWM11BB0405	20.74					
								SWM11BB0400	20.48					
								SWM11BB0405	20.74					
								SWM11BB0410	20.99					
								SWM11BB0410	20.99					

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					
				viii	Mono c-Si PERC Module	SWM11BB4500 (500 Wp)	SWM11BB6505	19.55	132 (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					
				ix	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB8540	19.32	144 (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					
				x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8590	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BB8595	21.28					
							SWM11BT0375	19.20					
							SWM11BT0380	19.46					
							SWM11BT0385	19.71					
							SWM11BT0390	19.97					
							SWM11BT0395	20.22					
							SWM11BT0400	20.48					
							SWM11BT0405	20.74					
							SWM11BT0410	20.99					
				xi	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT2415	19.17	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT2420	19.40					
							SWM11BT2425	19.63					
							SWM11BT2430	19.86					
							SWM11BT2435	20.10					
							SWM11BT2440	20.32					
							SWM11BT2445	20.56					
							SWM11BT2450	20.79					
							SWM11BT2455	21.02					
							SWM11BT4455	19.16					
				xii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT4460	19.37	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT4465	19.58					
							SWM11BT4470	19.79					
							SWM11BT4475	20.00					
							SWM11BT4480	20.21					
							SWM11BT4485	20.42					
							SWM11BT4490	20.63					
							SWM11BT4495	20.84					
							SWM11BT4500	21.06					
							SWM11BT6500	19.35					
				xiii	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT4505	19.35	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT4510	19.56					
							SWM11BT4515	19.77					
							SWM11BT4520	19.98					
							SWM11BT4525	20.19					
							SWM11BT4530	20.40					
							SWM11BT4535	20.61					
							SWM11BT4540	20.82					
							SWM11BT4545	21.03					
							SWM11BT4550	21.24					
				xiv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4555	21.45	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT4560	21.66					
							SWM11BT4565	21.87					
							SWM11BT4570	22.08					
							SWM11BT4575	22.29					
							SWM11BT4580	22.50					
							SWM11BT4585	22.71					
							SWM11BT4590	22.92					
							SWM11BT4595	23.13					
							SWM11BT4600	23.34					
				xv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4605	23.55	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027	
							SWM11BT4610	23.76					
							SWM11BT4615	23.97					
							SWM11BT4620	24.18					
							SWM11BT4625	24.39					
							SWM11BT4630	24.60					
							SWM11BT4635	24.81					
							SWM11BT4640	25.02					
							SWM11BT4645	25.23					
							SWM11BT4650	25.44					

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)												
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT6505	19.55	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027												
								SWM11BT6510	19.74																
								SWM11BT6515	19.94																
								SWM11BT6520	20.13																
								SWM11BT6525	20.32																
								SWM11BT6530	20.52																
								SWM11BT6535	20.71																
								SWM11BT6540	20.90																
								SWM11BT6545	21.10																
								SWM11BT6550	21.29																
					xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT8540	19.32	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027												
								SWM11BT8545	19.50																
								SWM11BT8550	19.67																
								SWM11BT8555	19.85																
								SWM11BT8560	20.03																
								SWM11BT8565	20.21																
								SWM11BT8570	20.39																
								SWM11BT8575	20.57																
					xviii	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8580	20.75	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027												
								SWM11BT8585	20.93																
								SWM11BT8590	21.11																
xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BT8595	21.28	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027																	
			SWM11BN6545	20.96																					
xx	Mono c-Si PERC Module	SWM11BN8560 (560 Wp)	SWM11BN6550	21.15	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027																	
			SWM11BN8535	19.03																					
			SWM11BN8540	19.21																					
			SWM11BN8545	19.39																					
			SWM11BN8550	19.57																					
			SWM11BN8555	19.74																					
			SWM11BN8560	19.92																					
			SWM11BN8565	20.10																					
			SWM11BN8570	20.28																					
			SWM11BN8575	20.46																					
			SWM11BN8580	20.63																					
xxi	Mono c-Si PERC Module	SWM11BN8595 (595 Wp)	SWM11BN8585	20.81	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027																	
			SWM11BN8590	20.99																					
52	M/s. SAEL Solar Mfg Private Limited	Village-Hukumat Singh Wala, Moga Road, Ferozepur-142052, Punjab	R-97001058	117	i	Mono C-Si PERC Module	SL72M6-390 (390 Wp)	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																
								SL144HC-505	19.54																
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL144HC-510	19.73	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027												
								SL144HC-515	19.93																
								SL144HC-520	20.12																
								SL144HC-525	20.31																
								SL144HC-530	20.5																
								SL144HC-535	20.7																
								SL144HC-540	20.97																
								SL144HC-545	21.08																
								SL144HC-550	21.28																
								SL144HC-555	21.47																
								53	M/s. Insolation Green Energy Pvt. Ltd					Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan	R-84003549	617	i	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	INA-144MHC-WF-520	20.14	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
																				INA-144MHC-WF-525	20.33				
INA-144MHC-WF-530	20.53																								
INA-144MHC-WF-535	20.72																								
INA-144MHC-WF-540	20.91																								
ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-WF-545	21.11	144 (Half Cut Cell)	1500	31.05.2023			30.05.2027															
			INA-144MHC-TF-520	20.14																					
			INA-144MHC-TF-525	20.33																					
			INA-144MHC-TF-530	20.53																					
			INA-144MHC-TF-535	20.72																					
iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-144MHC-TF-540	20.91	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027																	
			INA-144MHC-TF-545	21.11																					
			INA-132MHC-WF-480	20.19																					
			INA-132MHC-WF-485	20.41																					
			INA-132MHC-WF-490	20.62																					
			INA-132MHC-WF-495	20.83																					
INA-132MHC-WF-500	21.04																								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-132MHC-TF-485	20.41				
								INA-132MHC-TF-490	20.62				
								INA-132MHC-TF-495	20.83				
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-132MHC-TF-500	21.04	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-120MHC-WF-435	20.04				
								INA-120MHC-WF-440	20.27				
								INA-120MHC-WF-445	20.5				
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-WF-450	20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-120MHC-TF-435	20.04				
								INA-120MHC-TF-440	20.27				
								INA-120MHC-TF-445	20.5				
					vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-120MHC-TF-450	20.73	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-108MHC-WF-390	19.86				
								INA-108MHC-WF-395	20.11				
								INA-108MHC-WF-400	20.37				
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-WF-405	20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
								INA-108MHC-TF-390	19.86				
								INA-108MHC-TF-395	20.11				
								INA-108MHC-TF-400	20.37				
					ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-108MHC-TF-405	20.62	144 Half Cut Cells	1500	31.05.2023	30.05.2027
								INA-144MHC-WF-550	21.29				
								INA-144MHC-WF-555	21.48				
					x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-WF-560	21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027
								INA-144MHC-TF-550	21.29				
								INA-144MHC-TF-555	21.48				
								INA-144MHC-TF-560	21.68				
					54	M/s. Australian Premium Solar (India) Pvt. Ltd	Tajpur, National Highway No. 08, Ta: Prantij, Dist: Sabarkantha - 383205, Gujarat	R-72001791	287	i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)	APSAM-545/144
APSAM-540/144	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												
APSAM-495/132	20.85												
ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-490/132	20.64						132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
			APSAM-485/132	20.43									
			APSAM-480/132	20.22									
			APSAM-475/132	20.01									
			APSAM-450/120	20.73									
iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-445/120	20.50						120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
			APSAM-440/120	20.27									
			APSAM-435/120	20.04									
iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-410/108	20.98						108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
			APSAM-405/108	20.72									
			APSAM-400/108	20.47									
			APSAM-395/108	20.21									
			APSAM-390/108	19.96									
v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-365/96	20.92						96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
			APSAM-360/96	20.64									
			APSAM-355/96	20.35									
			APSAM-350/96	20.06									
vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-275/72	20.82						72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
			APSAM-270/72	20.45									
			APSAM-265/72	20.07									
			APSAM-260/72	19.69									
			APSBF-555/144	21.48									
vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-530/144 (530 Wp)	APSBF-550/144	21.29						144 (Half Cut Cell)	1500	14.06.2024	01.01.2025
			APSBF-545/144	21.10									
			APSBF-540/144	20.90									
			APSBF-535/144	20.71									
			APSBF-530/144	20.52									
			APSBF-525/144	20.32									
			APSBF-520/144	20.13									
			APSBF-515/144	19.94									
			APSBF-510/144	19.74									
			APSBF-505/144	19.55									
			APSBF-510/132	21.49									
APSBF-505/132	21.28												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-500/132(500 Wp)	APSBF-500/132	21.07	132 (Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-495/132	20.86				
								APSBF-490/132	20.64				
								APSBF-485/132	20.43				
								APSBF-480/132	20.22				
								APSBF-475/132	20.01				
								APSBF-465/120	21.49				
								APSBF-460/120	21.26				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-450/120(450 Wp)	APSBF-455/120	21.03	120(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-450/120	20.80				
								APSBF-445/120	20.57				
								APSBF-440/120	20.34				
								APSBF-435/120	20.10				
								APSBF-420/108	21.50				
								APSBF-415/108	21.24				
								APSBF-410/108	20.98				
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-410/108(410 Wp)	APSBF-405/108	20.73	108(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-400/108	20.47				
								APSBF-370/96	21.21				
								APSBF-365/96	20.93				
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-365/96(365 Wp)	APSBF-360/96	20.64	96(Half Cut Cell)	1500	14.06.2024	01.01.2025
								APSBF-290/72	21.89				
								APSBF-285/72	21.52				
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	APSBF-280/72(280 Wp)	APSBF-280/72	21.14	72(Half Cut Cell)	1500	14.06.2024	01.01.2025
APSBF-275/72	20.76												
APSBF-270/72	20.57												
xiii	Mono c-Si PERC Module	APSAM-505/132(505 Wp)	APSAM-500/132	21.07	132(Half Cut Cell)	1500	27.05.2024	01.01.2025					
			APSAM-505/132	21.28									
xiv	Mono c-Si PERC Module	APSAM-555/144(555 Wp)	APSAM-550/132	21.29	144(Half Cut Cell)	1500	27.05.2024	01.01.2025					
			APSAM-555/132	21.48									
			APSAM-560/132	21.68									
			Orb410M66-15	21.02									
55	M/s. Orb Energy Private Limited	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka	R-62001708	71	i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	Orb405M66-15	20.77	66 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb400M66-15	20.51				
								Orb395M66-15	20.25				
								Orb390M66-15	20.00				
								Orb450M72-15	21.19				
								Orb445M72-15	20.95				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb440M72-15	20.72	72 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb435M72-15	20.48				
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
								SMF72HM10-505	19.55				
								SMF72HM10-510	19.74				
56	M/s. Solex Energy Limited	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-515	19.94	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
								SMF72HM10-535	20.71				
								SMF72HM10-540	20.91				
ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-545	21.10	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF72HM10-550	21.30									
			SMF72HM10-555	21.49									
			SMFB72HM10-500	19.36									
			SMFB72HM10-505	19.55									
			SMFB72HM10-510	19.74									
iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-515	19.94	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMFB72HM10-520	20.13									
			SMFB72HM10-525	20.32									
			SMFB72HM10-530	20.52									
			SMFB72HM10-535	20.71									
			SMFB72HM10-540	20.91									
iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-545	21.10	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMFB72HM10-550	21.30									
			SMFB72HM10-555	21.49									
			SMF66HM10-460	19.37									
			SMF66HM10-465	19.59									
			SMF66HM10-470	19.80									
v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-475	20.02	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF66HM10-480	20.24									
			SMF66HM10-485	20.44									
			SMF66HM10-490	20.65									
			SMF66HM10-495	20.86									
			SMF66HM10-495	20.86									
vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-495	20.86	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF66HM10-495	20.86									
			SMF66HM10-495	20.86									
			SMF66HM10-495	20.86									
			SMF66HM10-495	20.86									
			SMF66HM10-495	20.86									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SMF66HM10-500	21.07				
								SMF66HM10-505	21.28				
					vii	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-460	19.37	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
							SMF66HM10-465	19.59					
							SMF66HM10-470	19.80					
							SMF66HM10-475	20.02					
							SMF66HM10-480	20.24					
								SMF66HM10-485	20.44				
					viii	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-490	20.65	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
							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	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								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	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF60HM10-445	20.51				
								SMF60HM10-450	20.75				
								SMF60HM10-455	20.98				
								SMF60HM10-460	21.21				
								SMF54HM10-375	19.20				
								SMF54HM10-380	19.46				
								SMF54HM10-385	19.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF54HM10-390	19.98				
								SMF54HM10-395	20.23				
								SMF54HM10-400	20.49				
								SMF54HM10-405	20.73				
								SMF54HM10-410	21.00				
								SMF54HM10-415	21.24				
								SMFB54HM10-375	19.20				
								SMFB54HM10-380	19.46				
								SMFB54HM10-385	19.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB54HM10-390	19.98				
								SMFB54HM10-395	20.23				
								SMFB54HM10-400	20.49				
								SMFB54HM10-405	20.73				
								SMFB54HM10-410	21.00				
								SMFB54HM10-415	21.24				
								SMF48HM10-335	19.21				
								SMF48HM10-340	19.50				
								SMF48HM10-345	19.780	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF48HM10-350	20.06				
								SMF48HM10-355	20.34				
								SMF48HM10-360	20.62				
								SMF48HM10-365	20.91				
								SMF48HM10-370	21.19				
								SMFB48HM10-335	19.21				
								SMFB48HM10-340	19.50				
								SMFB48HM10-345	19.78	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMFB48HM10-350	20.06				
								SMFB48HM10-355	20.34				
								SMFB48HM10-360	20.62				
								SMFB48HM10-365	20.91				
								SMFB48HM10-370	21.19				
								SMF42HM10-295	19.21				
								SMF42HM10-300	19.54				
								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				
								SMFB42HM10-295	19.21				
								SMFB42HM10-300	19.54				

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

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	GS10-M132-WF-490, (490Wp)	GS10-M132-WF-490 GS10-M132-WF-495 GS10-M132-WF-500 GS10-M132-WF-505	20.64 20.85 21.06 21.28	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
58	M/s. Tata Power Solar Systems Ltd	Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore-560100, Karnataka	R-62001090	577	i	Mono c-Si PERC Module	TP440HGZ(H), (440Wp)	TP455HGZ(H) TP450HGZ(H) TP445HGZ(H) TP440HGZ(H) TP435HGZ(H) TP430HGZ(H) TP425HGZ(H)	20.46 20.23 20.01 19.78 19.56 19.34 19.11	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP595LG10 TP590LG10 TP585LG10 TP580LG10 TP575LG10 TP570LG10 TP565LG10 TP560LG10 TP555LG10	21.36 21.18 21.00 20.83 20.65 20.47 20.29 20.11 19.93	156 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP550HG10 TP545HG10 TP540HG10 TP5435HG10 TP530HG10 TP525HG10 TP520HG10 TP515HG10 TP510HG10 TP505HG10	21.34 21.14 20.95 20.76 20.56 20.37 20.17 19.98 19.79 19.59	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP500VG10 TP495VG10 TP490VG10 TP485VG10 TP480VG10 TP475VG10 TP470VG10 TP465VG10 TP460VG10	20.82 20.61 20.40 20.19 19.98 19.77 19.57 19.36 19.15	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP455MG10 TP450MG10 TP445MG10 TP440MG10 TP435MG10 TP430MG10 TP425MG10 TP420MG10	20.81 20.58 20.35 20.12 19.89 19.66 19.43 19.21	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					vi	Mono c-Si PERC Module	TP400SG10, (400Wp)	TP410SG10 TP405SG10 TP400SG10 TP395SG10 TP390SG10 TP385SG10	20.72 20.47 20.21 19.96 19.71 19.46	108 (Half Cut Cell)	1500	20.09.2023	19.09.2027
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP480VG10TB (480 Wp)	TP460VG10TB TP465VG10TB TP470VG10TB TP475VG10TB TP480VG10TB TP485VG10TB TP490VG10TB TP495VG10TB TP500VG10TB	19.19 19.40 19.60 19.81 20.02 20.23 20.44 20.65 20.86	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP420MG10TB TP425MG10TB TP430MG10TB TP435MG10TB TP440MG10TB TP445MG10TB TP450MG10TB	19.21 19.44 19.67 19.90 20.12 20.35 20.58	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
		Co-ALMM with M/s.Vikram Solar Limited Manufacturing Address: B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Siperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu, India	R-61003158	1000 MW for 2 Year (As per Co-Branding Agreement)	xvii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	TP595LG10VB (595 Wp)	TP570LG10VB TP575LG10VB TP580LG10VB TP585LG10VB TP590LG10VB TP595LG10VB TP600LG10VB TP605LG10VB TP610LG10VB TP615LG10VB	20.47 20.64 20.82 21.00 21.18 21.36 21.54 21.72 21.9 22.08	156 Half Cut Cells	1500	28.08.2024	30.04.2026
		Co-ALMM with M/s.Vikram Solar Limited Manufacturing Address: Special Economic Zone (SEZ), Sector 2, Falta, 24 Parganas (South) - 743504, West Bengal, India	R-51002712	1000 MW for 2 Year (As per Co-Branding Agreement)	xviii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP595LG10VB (595 Wp)	TP570LG10VB TP575LG10VB TP580LG10VB TP585LG10VB TP590LG10VB TP595LG10VB	20.47 20.64 20.82 21.00 21.18 21.36	156 Half Cut Cells	1500	28.10.2024	30.04.2026
					xix	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP540HG10VB (540 Wp)	TP525HG10VB TP530HG10VB TP535HG10VB TP540HG10VB TP545HG10VB TP550HG10VB	19.26 19.44 19.62 19.81 19.99 20.18	144 (Half Cut Cells)	1500	28.10.2024	30.04.2026
59	M/s. Surya International Enterprise Private Limited	Plot No. S4-E1-21, EMC Park, Infovalley II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa	R-52000175	77	i	Mono PERC c-Si Modules	SI565M10-156 (565)	SI585M10-156 SI580M10-156 SI575M10-156 SI570M10-156 SI565M10-156 SI560M10-156 SI555M10-156 SI550M10-156 SI545M10-156 SI540M10-156	20.93 20.75 20.57 20.39 20.21 20.03 19.85 19.68 19.5 19.32	156 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					ii	Mono PERC c-Si Modules	SI525M10-144 (525)	SI550M10-144 SI545M10-144 SI540M10-144 SI535M10-144 SI530M10-144 SI525M10-144 SI520M10-144 SI515M10-144 SI510M10-144 SI505M10-144 SI500M10-144	21.27 21.08 20.89 20.69 20.5 20.31 20.11 19.92 19.73 19.53 19.34	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					iii	Mono PERC c-Si Modules	SI475M10-132 (475)	SI495M10-132 SI490M10-132 SI485M10-132 SI480M10-132 SI475M10-132 SI470M10-132 SI465M10-132 SI460M10-132 SI455M10-132	20.84 20.63 20.41 20.2 19.99 19.78 19.57 19.36 19.15	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)	SI450M10-120 SI445M10-120 SI440M10-120 SI435M10-120 SI430M10-120 SI425M10-120 SI420M10-120 SI415M10-120	20.78 20.55 20.31 20.08 19.85 19.62 19.39 19.16	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					v	Mono PERC C-Si Modules	SI390M10-108 (390)	SI405M10-108 SI400M10-108 SI395M10-108 SI390M10-108 SI385M10-108 SI380M10-108 SI375M10-108	20.69 20.44 20.18 19.93 19.67 19.41 19.16	108 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					vi	Mono PERC C-Si Modules	SI345M10-96 (350)	SI365M10-96 SI360M10-96 SI355M10-96 SI350M10-96	20.87 20.59 20.3 20.02	96 (Half Cut Cell)	1500	16.11.2023	15.11.2027

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)
					vii	Mono PERC C-Si Modules	SI305M10-84 (305)	SI340M10-96 SI335M10-96 SI320M10-84 SI315M10-84 SI310M10-84 SI305M10-84 SI300M10-84 SI295M10-84	19.44 19.16 20.78 20.45 20.13 19.8 19.48 19.15	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	20.38 20.01 19.63 19.25	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
60	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
61	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	19.93 20.13 20.32 20.52 20.71 20.9 21.1	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
62	M/s Abhishek Solar Industries Private Limited Unit II	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142	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	19.36 19.54 19.75 19.94 20.13 20.32 20.52 20.70 20.92 21.11 21.31	144 Half Cut Cells	1500	24.01.2024	23.01.2028
					iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-455-HM132 AS-460-HM132 AS-465-HM132 AS-470-HM132 AS-475-HM132 AS-480-HM132 AS-485-HM132 AS-490-HM132 AS-495-HM132	19.18 19.37 19.60 19.80 20.01 20.23 20.44 20.64 20.85	132 Half Cut Cells	1500	24.01.2024	23.01.2028
							AS-375-HM108	AS-375-HM108	19.21				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-380-HM108 19.47 AS-385-HM108 19.73 AS-390-HM108 19.99 AS-395-HM108 20.27 AS-400-HM108 20.47		108 Half Cut Cells	1500	24.01.2024	23.01.2028
					v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	AS-415-HM120 19.20 AS-420-HM120 19.42 AS-425-HM120 19.64 AS-430-HM120 19.87 AS-435-HM120 20.11 AS-440-HM120 20.33 AS-445-HM120 20.56 AS-450-HM120 20.79		120 Half Cut Cells	1500	24.01.2024	23.01.2028
63	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	395	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	ISEN560 20.03 ISEN565 20.21 ISEN570 20.39 ISEN575 20.57 ISEN580 20.75 ISEN585 20.93 ISEN590 21.11		156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN520 20.12 ISEN525 20.32 ISEN530 20.52 ISEN535 20.71 ISEN540 20.9 ISEN545 21.1 ISEN550 21.3 ISEN555 21.48		144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN500 21.05 ISEN510 21.47		132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN420 19.41 ISEN425 19.64 ISEN430 19.87 ISEN435 20.1 ISEN440 20.34 ISEN445 20.57 ISEN450 20.8 ISEN455 21.03 ISEN460 21.26		120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN380 19.46 ISEN385 19.72 ISEN390 19.97 ISEN395 20.23 ISEN400 20.48 ISEN405 20.74 ISEN410 21		108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	Bifacial N-type TOPCon Module	ISEN610N-TOP (610 Wp)	ISEN620N-TOP 22.19 ISEN615N-TOP 22.01 ISEN610N-TOP 21.83 ISEN605N-TOP 21.65 ISEN600N-TOP 21.47 ISEN590N-TOP 22.84 ISEN585N-TOP 22.64 ISEN580N-TOP 22.45 ISEN575N-TOP 22.26 ISEN570N-TOP 22.06 ISEN565N-TOP 21.87 ISEN560N-TOP 21.68 ISEN540N-TOP 22.74 ISEN535N-TOP 22.53 ISEN530N-TOP 22.32 ISEN525N-TOP 22.11 ISEN520N-TOP 21.90 ISEN500N-TOP 23.11 ISEN495N-TOP 22.88 ISEN490N-TOP 22.65 ISEN485N-TOP 22.41 ISEN480N-TOP 22.18 ISEN475N-TOP 21.95 ISEN470N-TOP 21.72 ISEN465N-TOP 21.49 ISEN460N-TOP 21.26		156 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					vii	Bifacial N-type TOPCon Module	ISEN575N-TOP (575 Wp)			144 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					viii	Bifacial N-type TOPCon Module	ISEN530N-TOP (530 Wp)			132 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					ix	Bifacial N-type TOPCon Module	ISEN480N-TOP (480 Wp)			120 (Half Cut Cell)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Bifacial N-type TOPCon Module	ISEN430N-TOP (430 Wp)	ISEN440N-TOP ISEN435N-TOP ISEN430N-TOP ISEN425N-TOP ISEN420N-TOP	22.53 22.28 22.02 21.76 21.51	108 (Half Cut Cell)	1500	24.02.2024	23.02.2028
64	M/s. Waaree Energies Limited	Unit 28, 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-520 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545 WSMD-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Bifacial Mono c- Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	N TOPCon Module	WSMT-570 (570Wp)	WSMT-560 WSMT-565 WSMT-570 WSMT-575 WSMT-580	21.75 21.94 22.14 22.33 22.53	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	N TOPCon Module	WSMT-615 (615Wp)	WSMT-605 WSMT-610 WSMT-615 WSMT-620 WSMT-625	21.74 21.92 22.1 22.28 22.46	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	BIN-17-605 BIN-17-610 BIN-17-615 BIN-17-620 BIN-17-625	21.64 21.82 22 22.18 22.35	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	N TOPCon Module(Bifacial)	BIN-08-570 (570Wp)	BIN-08-560 BIN-08-565 BIN-08-570 BIN-08-575 BIN-08-580	21.67 21.87 22.06 22.25 22.45	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
65	M/s. Waaree Energies Limited	Survey No 38/1,Tumb Village,Tumb,Umbergaon,Valsad,Gujarat-396150	R-72002038	1095	i	Mono c- Si PERC Module	WSMD-440 (440Wp)	WSMD-420 WSMD-425 WSMD-430 WSMD-435 WSMD-440 WSMD-445 WSMD-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545 WSMD-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Mono c- Si PERC Bifacial Module	Bi-31-440(440Wp)	Bi-31-420 Bi-31-425 Bi-31-430 Bi-31-435 Bi-31-440 Bi-31-445 Bi-31-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c- Si PERC Module	WSMDI-400 (400Wp)	WSMDI-395 WSMDI-400 WSMDI-405 WSMDI-410 WSMDI-415	19.79 20.03 20.28 20.53 20.78	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
66	M/s. Mundra Solar PV Limited	Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - 370435, Gujarat	R-72008532	1942	i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	ASM-M10-144-500	19.47	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028												
								ASM-M10-144-501	19.51																
								ASM-M10-144-502	19.55																
								ASM-M10-144-503	19.59																
								ASM-M10-144-504	19.63																
								ASM-M10-144-505	19.67																
								ASM-M10-144-506	19.7																
								ASM-M10-144-507	19.74																
								ASM-M10-144-508	19.78																
								ASM-M10-144-509	19.82																
								ASM-M10-144-510	19.86																
								ASM-M10-144-511	19.9																
								ASM-M10-144-512	19.94																
								ASM-M10-144-513	19.98																
								ASM-M10-144-514	20.02																
								ASM-M10-144-515	20.05																
								ASM-M10-144-516	20.09																
								ASM-M10-144-517	20.13																
								ASM-M10-144-518	20.17																
								ASM-M10-144-519	20.21																
								ASM-M10-144-520	20.25																
								ASM-M10-144-521	20.29																
								ASM-M10-144-522	20.33																
								ASM-M10-144-523	20.37																
								ASM-M10-144-524	20.41																
								ASM-M10-144-525	20.44																
								ASM-M10-144-526	20.48																
								ASM-M10-144-527	20.52																
								ASM-M10-144-528	20.56																
								ASM-M10-144-529	20.6																
								ASM-M10-144-530	20.64																
								ASM-M10-144-531	20.68																
								ASM-M10-144-532	20.72																
								ASM-M10-144-533	20.76																
								ASM-M10-144-534	20.8																
								ASM-M10-144-535	20.83																
								ASM-M10-144-536	20.87																
								ASM-M10-144-537	20.91																
								ASM-M10-144-538	20.95																
								ASM-M10-144-539	20.99																
								ASM-M10-144-540	21.03																
								ASM-M10-144-541	21.07																
								ASM-M10-144-542	21.11																
								ASM-M10-144-543	21.15																
								ASM-M10-144-544	21.18																
								ASM-M10-144-545	21.22																
																	ii	Bifacial c-Si PERC Modules	ASB-M10-144-548 (548Wp)	ASB-M10-144-520	20.25	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASB-M10-144-521	20.29																
								ASB-M10-144-522	20.33																
								ASB-M10-144-523	20.37																
								ASB-M10-144-524	20.41																
								ASB-M10-144-525	20.44																
ASB-M10-144-526	20.48																								
ASB-M10-144-527	20.52																								
ASB-M10-144-528	20.56																								
ASB-M10-144-529	20.6																								
ASB-M10-144-530	20.64																								
ASB-M10-144-531	20.68																								
ASB-M10-144-532	20.72																								
ASB-M10-144-533	20.76																								
ASB-M10-144-534	20.8																								
ASB-M10-144-535	20.83																								
ASB-M10-144-536	20.87																								
ASB-M10-144-537	20.91																								
ASB-M10-144-538	20.95																								
ASB-M10-144-539	20.99																								
ASB-M10-144-540	21.03																								
ASB-M10-144-541	21.07																								
ASB-M10-144-542	21.11																								
ASB-M10-144-543	21.15																								
ASB-M10-144-544	21.18																								
ASB-M10-144-545	21.22																								

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)
								ASB-M10-144-546	21.26				
								ASB-M10-144-547	21.3				
								ASB-M10-144-548	21.34				
								ASB-M10-144-549	21.38				
								ASB-M10-144-550	21.42				
								ASB-M10-144-550	21.42				
								ASB-M10-144-551	21.46				
								ASB-M10-144-552	21.5				
								ASB-M10-144-553	21.54				
								ASB-M10-144-554	21.57				
								ASB-M10-144-555	21.61				
								ASB-M10-144-556	21.65				
								ASB-M10-144-557	21.69				
								ASB-M10-144-558	21.73				
								ASB-M10-144-559	21.77				
								ASB-M10-144-560	21.81				
								ASB-M10-144-561	21.85				
					iii	Bifacial n-type TOPCon Modules	ASB-M10-144-563 (563Wp)	ASB-M10-144-562	21.89	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASB-M10-144-563	21.92				
								ASB-M10-144-564	21.96				
								ASB-M10-144-565	22				
								ASB-M10-144-566	22.04				
								ASB-M10-144-567	22.08				
								ASB-M10-144-568	22.12				
								ASB-M10-144-569	22.16				
								ASB-M10-144-570	22.2				
								ASB-M10-144-571	22.24				
								ASB-M10-144-572	22.28				
								ASB-M10-144-573	22.31				
								ASB-M10-144-574	22.35				
								ASB-M10-144-575	22.39				
67	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2, Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1151	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05	21.33	144 (Half cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.72.545.05	21.13				
								SOMERA VSMH.72.540.05	20.94				
								SOMERA VSMH.72.535.05	20.75				
								SOMERA VSMH.60.460.05	21.28				
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.455.05	21.05	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								SOMERA VSMH.60.450.05	20.82				
								SOMERA VSMH.60.445.05	20.59				
								PARADEA VSMH.72.550.05	21.33				
								PARADEA VSMH.72.545.05	21.13				
								PARADEA VSMH.72.540.05	20.94				
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSMH.72.545.05 (545 Wp)	PARADEA VSMH.72.535.05	20.75	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.72.450.05	20.23				
								PARADEA VSMH.72.445.05	20.01				
					iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.440.05	19.79	144 (Half Cut cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.78.570.05	20.47				
								PARADEA VSMH.78.575.05	20.64				
								PARADEA VSMH.78.580.05	20.82				
								PARADEA VSMH.78.585.05	21.00				
								PARADEA VSMH.78.590.05	21.18				
								PARADEA VSMH.78.595.05	21.36				
								PARADEA VSMH.66.490.05	20.61				
					v	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMH.66.500.05 (585 Wp)	PARADEA VSMH.66.500.05	21.04	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSMH.66.500.05	21.04				
					vi	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMH.66.500.05 (500 Wp)	PARADEA VSMH.66.500.05	21.04	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								TPS55LG10B	19.93				
								TPS60LG10B	20.11				
								TPS65LG10B	20.29				
								TPS70LG10B	20.47				
								TPS75LG10B	20.65				
								TPS80LG10B	20.83				
								TPS85LG10B	21.00				
								TPS90LG10B	21.18				
								TPS95LG10B	21.36				
								TP600LG10B	21.54				
								TPS00HG10B	19.40				
								TPS05HG10B	19.59				
								TPS10HG10B	19.79				
								TPS15HG10B	19.98				
								TPS20HG10B	20.17				
								TPS25HG10B	20.37				
								TPS30HG10B	20.56				
								TPS35HG10B	20.76				
68	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	5222	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				
								TPS00HG10B	19.40				
								TPS05HG10B	19.59				
								TPS10HG10B	19.79				
								TPS15HG10B	19.98				
								TPS20HG10B	20.17				
								TPS25HG10B	20.37				
								TPS30HG10B	20.56				
								TPS35HG10B	20.76				
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP500HG10B	19.40	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TPS05HG10B	19.59				
								TPS10HG10B	19.79				
								TPS15HG10B	19.98				
								TPS20HG10B	20.17				
								TPS25HG10B	20.37				
								TPS30HG10B	20.56				
								TPS35HG10B	20.76				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
								TP540HG10B	20.95	144 (Half cut Cells)	1500	22.03.2024	21.03.2028				
								TP545HG10B	21.14								
								TP550HG10B	21.34								
								TP555HG10B	21.53								
								TP460VG10B	19.19								
								TP465VG10B	19.47								
								TP470VG10B	19.61								
								TP475VG10B	19.81								
								TP480VG10B	20.02								
								TP485VG10B	20.23								
								TP490VG10B	20.44								
								TP495VG10B	20.65								
								TP500VG10B	20.86								
								TP505VG10B	21.07								
								TP420MG10B	19.21								
								TP425MG10B	19.44								
								TP430MG10B	19.66								
								TP435MG10B	19.89								
								TP440MG10B	20.12								
								TP445MG10B	20.35								
								TP450MG10B	20.58								
								TP455MG10B	20.81								
								TP460MG10B	21.03								
								TP465MG10B	21.26								
								TP555LG10TB	19.93								
								TP560LG10TB	20.11								
								TP565LG10TB	20.29								
								TP570LG10TB	20.47								
								TP575LG10TB	20.65								
								TP580LG10TB	20.83								
								TP585LG10TB	21.00								
								TP590LG10TB	21.18								
								TP595LG10TB	21.36								
								TP600LG10TB	21.54								
								TP500HG10TB	19.40								
								TP505HG10TB	19.59								
								TP510HG10TB	19.79								
								TP515HG10TB	19.98								
								TP520HG10TB	20.17								
								TP525HG10TB	20.37								
								TP530HG10TB	20.56								
								TP535HG10TB	20.76								
								TP540HG10TB	20.95								
								TP545HG10TB	21.14								
								TP550HG10TB	21.34								
								TP555HG10TB	21.53								
								TP460VG10TB	19.19								
								TP465VG10TB	19.47								
								TP470VG10TB	19.61								
								TP475VG10TB	19.81								
								TP480VG10TB	20.02								
								TP485VG10TB	20.23								
								TP490VG10TB	20.44								
								TP495VG10TB	20.65								
								TP500VG10TB	20.86								
								TP505VG10TB	21.07								
								TP420MG10TB	19.21								
								TP425MG10TB	19.44								
								TP430MG10TB	19.66								
								TP435MG10TB	19.89								
								TP440MG10TB	20.12								
								TP445MG10TB	20.35								
								TP450MG10TB	20.58								
								TP455MG10TB	20.81								
								TP460MG10TB	21.03								
								TP465MG10TB	21.26								
								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								

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)
								SE144H510M	19.76				
								SE144H505M	19.57				
					ii	Mono c-Si PERC Module	SE132H480M (480 Wp)	SE132H500M	21.06	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
							SE132H495M	20.85					
							SE132H490M	20.64					
							SE132H485M	20.43					
							SE132H480M	20.22					
							SE132H475M	20.01					
							SE132H470M	19.80					
							SE132H465M	19.60					
							SE120H460M	21.23					
							SE120H455M	21.00					
					iii	Mono c-Si PERC Module	SE120H440M (440 Wp)	SE120H450M	20.77	120 (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					
					iv	Mono c-Si PERC Module	SE108H400M (400 Wp)	SE108H400M	20.45				
							SE108H395M	20.20					
							SE108H390M	19.94					
							SE108H385M	19.69					
							SE108H380M	19.43					
					v	Mono c-Si PERC Module	SE108H375M (375 Wp)	SE108H375M	19.18	108 (Half cut cells)	1500	10.04.2024	09.04.2028
							SE108H375M	19.18					
					vi	Mono c-Si PERC Module	SE96H345M (345 Wp)	SE96H360M	20.62	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
							SE96H355M	20.33					
							SE96H350M	20.05					
							SE96H345M	19.76					
							SE96H340M	19.47					
							SE96H335M	19.19					
					vii	Bifacial Mono c-Si PERC Module	SE144H520MB (520 Wp)	SE144H540MB	20.92	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
							SE144H535MB	20.73					
							SE144H530MB	20.53					
							SE144H525MB	20.34					
							SE144H520MB	20.15					
							SE144H515MB	19.95					
							SE144H510MB	19.76					
							SE144H505MB	19.57					
					viii	Bifacial Mono c-Si PERC Module	SE132H480MB (480 Wp)	SE132H500MB	21.06	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
							SE132H495MB	20.85					
							SE132H490MB	20.64					
							SE132H485MB	20.43					
							SE132H480MB	20.22					
							SE132H475MB	20.01					
							SE132H470MB	19.80					
							SE132H465MB	19.60					
							SE120H460MB	21.23					
							SE120H455MB	21.00					
					ix	Bifacial Mono c-Si PERC Module	SE120H440MB (440 Wp)	SE120H450MB	20.77	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
							SE120H445MB	20.54					
							SE120H440MB	20.31					
							SE120H435MB	20.10					
							SE120H430MB	19.85					
							SE120H425MB	19.62					
							SE120H420MB	19.39					
							SE108H410MB	20.97					
							SE108H405MB	20.71					
					x	Bifacial Mono c-Si PERC Module	SE108H400MB (400 Wp)	SE108H400MB	20.45				
							SE108H395MB	20.20					
							SE108H390MB	19.94					
							SE108H385MB	19.69					
							SE108H380MB	19.43					
							SE108H375MB	19.18					
					xi	Bifacial Mono c-Si PERC Module	SE108H375MB (375Wp)	SE108H375MB	19.18	108 (Half cut cells)	1500	10.04.2024	09.04.2028
							SE108H375MB	19.18					
					xii	Bifacial Mono c-Si PERC Module	SE96H345MB (345 Wp)	SE96H360MB	20.62	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
							SE96H355MB	20.33					
							SE96H350MB	20.05					
							SE96H345MB	19.76					
							SE96H340MB	19.47					
							SE96H335MB	19.19					

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)							
70	M/s.Premier Energies International Private Limited	Plot No. S-95, S-96, S-100, S-101, S-102, S-103 & S-104, Raviryala, Raviryal(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					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														
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent))	PEI-144-535HB-M10 (535 Wp)	PEI-144-535HB-M10	20.70	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								PEI-144-540HB-M10	20.89											
								PEI-144-545HB-M10	21.09											
								PEI-144-550HB-M10	21.28											
								PEI-144-555HB-M10	21.48											
								PEI-144-560HB-M10	21.67											
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-132-490HB-M10 (490 Wp)	PEI-132-470HB-M10	19.80	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
								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					144 (Half Cut Cells)	1500	10.04.2024	09.04.2028			
								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														
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-132-490HGB-M10 (490 Wp)	PEI-132-470HGB-M10	19.80	132 (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	144 (Half Cut Cells)	1500	10.04.2024				09.04.2028												
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																			
viii	N-type TOPCon Module (Glass to Glass)				PEI-132-520THGB-M10 (520 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																	
		71	M/s. Total Solar Technologies Private	Block No. 84 Paiki, Opposite Chachawadi Temple, Changodar,		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				

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	Chachawadi Vasna, Changodar, Ahmedabad - 382213, Gujarat, India				ii	Mono c-Si PERC Module	TST132MPH-490 (490Wp)	TST144MPH-535	20.38	132 (Half cut Cells)	1500	10.04.2024	09.04.2028												
								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																
								TST108MPH-390	19.60																
								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																
72	M/s. Integrated Batteries India Pvt Ltd	Plot No. 40, Sector -10, Greater Noida, Uttar Pradesh - 201310, India	R-93017612	93	i	Mono c-Si PERC Modules	IBMPF-395 (395 Wp)	IBMPF-380	19.30	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								IBMPF-385	19.55																
								IBMPF-390	19.81																
								IBMPF-395	20.06																
								IBMPF-400	20.31																
								IBMPH-405	20.57																
								IBMPH-410	20.82																
								IBMPH-415	19.05																
								IBMPH-420	19.28																
								IBMPH-425	19.51																
								IBMPH-430	19.74																
								IBMPH-435	19.97																
								IBMPH-440	20.19																
								IBMPH-445	20.42																
								IBMPH-450	20.65																
								IBMPH-455	20.88																
								IBMPH-460	19.26																
								IBMPH-465	19.47																
								IBMPH-470	19.68																
								IBMPH-475	19.89																
								IBMPH-480	20.10																
								IBMPH-485	20.31																
								IBMPH-490	20.52																
								IBMPH-495	20.73																
IBMPH-500	20.93																								
72	M/s. ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPH-505	19.57	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								IBMPH-510	19.77																
								IBMPH-515	19.96																
								IBMPH-520	20.16																
								IBMPH-525	20.35																
								IBMPH-530	20.54																
								IBMPH-535	20.74																
								IBMPH-540	20.93																
								IBMPH-545	21.13																
								IBMPH-460	19.26																
								IBMPH-465	19.47																
								IBMPH-470	19.68																
								IBMPH-475	19.89																
								IBMPH-480	20.10																
								IBMPH-485	20.31																
								IBMPH-490	20.52																
								IBMPH-495	20.73																
								IBMPH-500	20.93																
								73	M/s. ReNew Photovoltaics Private Limited					Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	iii	Mono c-Si PERC Modules	IBMPH-480 (480 Wp)	IBMPH-505	19.57	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
																				IBMPH-510	19.77				
																				IBMPH-515	19.96				
																				IBMPH-520	20.16				
																				IBMPH-525	20.35				
																				IBMPH-530	20.54				
IBMPH-535	20.74																								
IBMPH-540	20.93																								
IBMPH-545	21.13																								
IBMPH-460	19.26																								
IBMPH-465	19.47																								
IBMPH-470	19.68																								
IBMPH-475	19.89																								
IBMPH-480	20.10																								
IBMPH-485	20.31																								
IBMPH-490	20.52																								
IBMPH-495	20.73																								
IBMPH-500	20.93																								
73	M/s. ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	1766	iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)			IBMPH-505	19.57	144 (Half Cut Cells)	1500							10.04.2024	09.04.2028				
										IBMPH-510	19.77														
										IBMPH-515	19.96														
										IBMPH-520	20.16														
										IBMPH-525	20.35														
										IBMPH-530	20.54														
								IBMPH-535	20.74																
								IBMPH-540	20.93																
								IBMPH-545	21.13																
								IBMPH-460	19.26																
								IBMPH-465	19.47																
								IBMPH-470	19.68																
								IBMPH-475	19.89																
								IBMPH-480	20.10																
								IBMPH-485	20.31																
								IBMPH-490	20.52																
								IBMPH-495	20.73																
								IBMPH-500	20.93																
								73	M/s. ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903			1766	i	Bifacial Mono c-Si PERC Module	RPS2MH72BD550 (550Wp)	RPS2MH72BD535	20.71			144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
																		RPS2MH72BD540	20.90						
																		RPS2MH72BD545	21.10						
																		RPS2MH72BD550	21.30						
																		RPS2MH72BD555	21.48						
																		RPS2MH72BD560	21.68						
RPS2MH72BD530	20.52																								
RPS2MH72BD535	20.71																								

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	RPS2MH72BD560 (560 Wp)	RPS2MH72BD540 RPS2MH72BD545 RPS2MH72BD550 RPS2MH72BD555 RPS2MH72BD560	20.90 21.10 21.30 21.48 21.68	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
74	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	1179	i	Mono c-Si PERC Module	GMF72HM10540 (540 Wp)	GMF72HM10525 GMF72HM10530 GMF72HM10535 GMF72HM10540 GMF72HM10545 GMF72HM10550	20.32 20.51 20.71 20.90 21.09 21.29	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB72HM10540 (540 Wp)	GMB72HM10525 GMB72HM10530 GMB72HM10535 GMB72HM10540 GMB72HM10545 GMB72HM10550	20.32 20.51 20.71 20.90 21.09 21.29	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	GMF66HM10490 (490 Wp)	GMF66HM10480 GMF66HM10485 GMF66HM10490 GMF66HM10495 GMF66HM10500 GMF66HM10505	20.20 21.41 20.62 20.83 21.04 21.25	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					iv	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB66HM10490 (490 Wp)	GMB66HM10480 GMB66HM10485 GMB66HM10490 GMB66HM10495 GMB66HM10500 GMB66HM10505	20.20 21.41 20.62 20.83 21.04 21.25	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					v	Mono c-Si PERC Module	GMF60HM10450 (450 Wp)	GMF60HM10435 GMF60HM10440 GMF60HM10445 GMF60HM10450 GMF60HM10455 GMF60HM10460	20.08 20.31 20.54 20.77 21.00 21.23	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB60HM10435 GMB60HM10440 GMB60HM10445 GMB60HM10450 GMB60HM10455 GMB60HM10460	20.08 20.31 20.54 20.77 21.00 21.23	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)	GMF54HM10390 GMF54HM10395 GMF54HM10400 GMF54HM10405 GMF54HM10410 GMF54HM10415	19.93 20.19 20.44 20.70 20.95 21.21	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB54HM10400 (400 Wp)	GMB54HM10390 GMB54HM10395 GMB54HM10400 GMB54HM10405 GMB54HM10410 GMB54HM10415	19.93 20.19 20.44 20.70 20.95 21.21	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)	GMF48HM10340 GMF48HM10345 GMF48HM10350 GMF48HM10355 GMF48HM10360 GMF48HM10365	19.46 19.75 20.04 20.32 20.61 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)	GMB48HM10340 GMB48HM10345 GMB48HM10350 GMB48HM10355 GMB48HM10360 GMB48HM10365	19.46 19.75 20.04 20.32 20.61 20.90	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					xi	N Type TOPCon Module	GTG78HM10615 (615 Wp)	GTG78HM10635 GTG78HM10630 GTG78HM10625 GTG78HM10620 GTG78HM10615 GTG78HM10610 GTG78HM10605	22.72 22.54 22.36 22.18 22.00 21.82 21.64	156 (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)
					xii	N Type TOPCon Module	GTG72HM10580 (580 Wp)	GTG72HM10590	22.84	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG72HM10585	22.64				
								GTG72HM10580	22.45				
								GTG72HM10575	22.26				
								GTG72HM10570	22.06				
								GTG66HM10540	22.73				
					xiii	N Type TOPCon Module	GTG66HM10525 (525 Wp)	GTG66HM10535	22.52	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG66HM10530	22.31				
								GTG66HM10525	22.10				
								GTG66HM10520	21.89				
								GTG66HM10515	21.68				
								GTG60HM10490	22.62				
					xiv	N Type TOPCon Module	GTG60HM10475 (475 Wp)	GTG60HM10485	22.39	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG60HM10480	22.16				
								GTG60HM10475	21.93				
								GTG60HM10470	21.70				
								GTG60HM10465	21.47				
								GTG54HM10440	22.49				
					xv	N Type TOPCon Module	GTG54HM10425 (425 Wp)	GTG54HM10435	22.24	128 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								GTG54HM10430	21.98				
								GTG54HM10425	21.73				
								GTG54HM10420	21.47				
								GTG54HM10415	21.21				
								GTG48HM10390	22.33				
xvi	N Type TOPCon Module	GTG48HM10375 (375 Wp)	GTG48HM10385	22.04	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028					
			GTG48HM10380	21.76									
			GTG48HM10375	21.47									
			GTG48HM10370	21.19									
			GTG48HM10365	20.90									
			ASU144CM520Wp	20.15									
75	M/s. AG Solar Urja Udyog	Plot No. 428 & 443, Khata No. 212/215, Rengali, Sambalpur - 768212, Orissa, India	R-52000205	53	i	Mono c-Si PERC Modules	ASU144CM545Wp (545 Wp)	ASU144CM525Wp	20.34	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU144CM530Wp	20.53				
								ASU144CM535Wp	20.73				
								ASU144CM540Wp	20.92				
								ASU144CM545Wp	21.12				
								ASU144CM550Wp	21.31				
								ASU132CM510Wp	21.48				
								ASU132CM505Wp	21.27				
					ii	Mono c-Si PERC Module	ASU132CM500Wp (500 Wp)	ASU132CM500Wp	21.06	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU132CM495Wp	20.85				
								ASU132CM490Wp	20.64				
								ASU120CM450Wp	20.80				
								ASU120CM445Wp	20.57				
								ASU120CM440Wp	20.34				
					iii	Mono c-Si PERC Module	ASU120CM435Wp (435 Wp)	ASU120CM435Wp	20.10	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU120CM430Wp	19.87				
								ASU120CM425Wp	19.64				
								ASU120CM420Wp	19.41				
								ASU108CM410Wp	21.00				
								ASU108CM405Wp	20.74				
					iv	Mono c-Si PERC Module	ASU108CM400Wp (400 Wp)	ASU108CM400Wp	20.48	108 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								ASU108CM395Wp	20.23				
								ASU108CM390Wp	19.97				
								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												
76	M/s. FS India Solar Ventures Private Limited	Plot No. A-1/1, Sipcot Industrial Park, Pillaipakkam - 602105, Tamil Nadu, India	R-61004316	3212	i	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	FS-7525-FT1	18.77	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
								FS-7530-FT1	18.95				
								FS-7532-FT1	19.02				
								FS-7535-FT1	19.13				
								FS-7540-FT1	19.30				
								FS-7505A-FT1	18.06				
					ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	FS-7510A-FT1	18.23	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
								FS-7515A-FT1	18.41				
								FS-7520A-FT1	18.60				
								FS-7525A-FT1	18.77				
								FS-7530A-FT1	18.95				
								FS-7532A-FT1	19.02				
77	M/s. RenewSys India Pvt	Sy No. 114/P, Srinagar (V), Fabcity,	R-63000760	576				DESERV EXTREME-650	23.30				

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	Maheswaram(M), Ranga Reddy District, Telangana - 501359, India			170	i	Bifacial N type TOPCon Modules	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-645	23.12	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME-640	22.94				
								DESERV EXTREME-635	22.76				
								DESERV EXTREME-630	22.59				
								DESERV EXTREME-625	22.41				
								DESERV EXTREME-620	22.23				
								DESERV EXTREME-615	22.05				
								DESERV EXTREME-600	23.26				
								DESERV EXTREME-595	23.06				
								DESERV EXTREME-590	22.87				
								DESERV EXTREME-585	22.68				
								DESERV EXTREME-580	22.48				
					ii	Bifacial N type TOPCon Modules	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME-575	22.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME-570	22.09				
								DESERV EXTREME-565	21.90				
								DESERV EXTREME-560	23.06				
								DESERV EXTREME-500	22.83				
								DESERV EXTREME-495	22.60				
								DESERV EXTREME-490	22.37				
								DESERV EXTREME-485	22.13				
								DESERV EXTREME-480	21.90				
								DESERV EXTREME-475	21.67				
								DESERV EXTREME-470	21.44				
								DESERV EXTREME-465	22.97				
					iii	Bifacial N type TOPCon Modules	DESERV EXTREME-490 (490 Wp)	DESERV EXTREME-450	22.72	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV EXTREME-445	22.46				
								DESERV EXTREME-440	22.21				
								DESERV EXTREME-435	21.95				
								DESERV EXTREME-430	21.70				
								DESERV EXTREME-425	21.44				
								DESERV EXTREME-420	21.18				
								DESERV EXTREME-415	22.76				
								DESERV SGALACTIC-635	22.59				
								DESERV SGALACTIC-630	22.41				
								DESERV SGALACTIC-625	22.23				
								DESERV SGALACTIC-620	22.05				
					iv	Bifacial N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	DESERV SGALACTIC-590	22.87	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-585	22.68				
								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				
								DESERV SGALACTIC-475	21.90				
								DESERV SGALACTIC-470	21.67				
								DESERV SGALACTIC-465	21.44				
					v	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-440	22.21	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-435	21.95				
								DESERV SGALACTIC-430	21.70				
								DESERV SGALACTIC-425	21.44				
								DESERV SGALACTIC-420	21.18				
								DESERV SGALACTIC-415	22.76				
								DESERV SGALACTIC-635	22.59				
								DESERV SGALACTIC-630	22.41				
								DESERV SGALACTIC-625	22.23				
								DESERV SGALACTIC-620	22.05				
								DESERV SGALACTIC-615	22.87				
								DESERV SGALACTIC-590	22.68				
					vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-585	22.48	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-580	22.29				
								DESERV SGALACTIC-575	22.09				
								DESERV SGALACTIC-570	21.90				
								DESERV SGALACTIC-565	22.60				
								DESERV SGALACTIC-490	22.37				
								DESERV SGALACTIC-485	22.13				
								DESERV SGALACTIC-480	21.90				
								DESERV SGALACTIC-475	21.67				
								DESERV SGALACTIC-470	21.44				
								DESERV SGALACTIC-465	22.46				
								DESERV SGALACTIC-440	22.21				
					vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-435	21.95	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								DESERV SGALACTIC-430	21.70				
								DESERV SGALACTIC-425	21.44				
								DESERV SGALACTIC-420	21.18				
								DESERV SGALACTIC-415	19.06				
								OSWAL255MPD72	19.43				
								OSWAL260MPD72	19.80				
								OSWAL265MPD72	20.18				
								OSWAL270MPD72	20.55				
								OSWAL275MPD72	19.06				
								OSWAL255MPN72	19.43				
								OSWAL260MPN72	19.80				
viii	N type TOPCon Modules	DESERV SGALACTIC-440 (440 Wp)	OSWAL265MPN72	20.18	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL270MPN72	20.55									
			OSWAL275MPN72	19.06									
			OSWAL255MPN72	19.43									
			OSWAL260MPN72	19.80									
			OSWAL265MPN72	20.18									
			OSWAL270MPN72	20.55									
			OSWAL275MPN72	19.06									
			OSWAL335MPD96	19.34									
			OSWAL340MPD96	19.63									
			OSWAL345MPD96	19.91									
			OSWAL350MPD96	20.20									
78	M/s. Oswal Solar Structure Pvt. Ltd.	Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India	R-91013935	170	i	Mono c-Si PERC Module	OSWAL265MPD72 (265 Wp)	OSWAL355MPD96	20.48	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL360MPD96	20.76				
								OSWAL365MPD96	19.06				
								OSWAL335MPN96	19.43				
								OSWAL260MPD72	19.80				
								OSWAL265MPD72	20.18				
					ii	Mono c-Si PERC Module	OSWAL265MPN72 (265 Wp)	OSWAL270MPD72	20.55	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL275MPD72	19.06				
								OSWAL255MPN72	19.43				
								OSWAL260MPN72	19.80				
								OSWAL265MPN72	20.18				
								OSWAL270MPN72	20.55				
iii	Mono c-Si PERC Module	OSWAL350MPD96 (350 Wp)	OSWAL275MPN72	19.06	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL255MPN72	19.43									
			OSWAL260MPN72	19.80									
			OSWAL265MPN72	20.18									
			OSWAL270MPN72	20.55									
			OSWAL275MPN72	19.06									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono c-Si PERC Module	OSWAL350MPN96 (350 Wp)	OSWAL340MPN96	19.34	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL345MPN96	19.63				
								OSWAL350MPN96	19.91				
								OSWAL355MPN96	20.20				
								OSWAL360MPN96	20.48				
					v	Mono c-Si PERC Module	OSWAL390MPD108 (390 Wp)	OSWAL365MPN96	20.76				
								OSWAL375MPD108	19.11				
								OSWAL380MPD108	19.37				
								OSWAL385MPD108	19.62				
								OSWAL390MPD108	19.88				
					vi	Mono c-Si PERC Module	OSWAL410MPD108 (410 Wp)	OSWAL395MPD108	20.13				
								OSWAL400MPD108	20.39				
								OSWAL405MPD108	20.64				
								OSWAL410MPD108	20.90				
								OSWAL415MPD108	20.11				
vii	Mono c-Si PERC Module	OSWAL390MPN108 (390 Wp)	OSWAL380MPN108	19.37									
			OSWAL385MPN108	19.62									
			OSWAL390MPN108	19.88									
			OSWAL395MPN108	20.13									
			OSWAL400MPN108	20.39									
viii	Mono c-Si PERC Module	OSWAL410MPN108 (410 Wp)	OSWAL405MPN108	20.64									
			OSWAL410MPN108	20.90									
			OSWAL415MPD120	19.11									
			OSWAL420MPD120	19.34									
			OSWAL425MPD120	19.57									
ix	Mono c-Si PERC Module	OSWAL435MPD120 (435 Wp)	OSWAL430MPD120	19.80									
			OSWAL435MPD120	20.03									
			OSWAL440MPD120	20.26									
			OSWAL445MPD120	20.49									
			OSWAL450MPD120	20.72									
x	Mono c-Si PERC Module	OSWAL435MPN120 (435 Wp)	OSWAL455MPD120	20.95									
			OSWAL415MPN120	19.11									
			OSWAL420MPN120	19.34									
			OSWAL425MPN120	19.57									
			OSWAL430MPN120	19.80									
xi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL435MPN120	20.03									
			OSWAL440MPN120	20.26									
			OSWAL445MPN120	20.49									
			OSWAL450MPN120	20.72									
			OSWAL455MPN120	20.95									
xii	Mono c-Si PERC Module	OSWAL500MPD132 (500 Wp)	OSWAL460MPD132	19.20									
			OSWAL465MPD132	19.41									
			OSWAL470MPD132	19.62									
			OSWAL475MPD132	19.83									
			OSWAL480MPD132	20.04									
xiii	Mono c-Si PERC Module	OSWAL475MPN132 (475 Wp)	OSWAL485MPD132	20.25									
			OSWAL490MPD132	20.46									
			OSWAL495MPD132	20.67									
			OSWAL500MPD132	20.88									
			OSWAL505MPD132	21.10									
xiv	Mono c-Si PERC Module	OSWAL500MPN132	OSWAL465MPN132	19.62									
			OSWAL470MPN132	19.83									
			OSWAL475MPN132	20.04									
			OSWAL480MPN132	20.25									
			OSWAL485MPN132	20.46									
xv	Mono c-Si PERC Module	OSWAL520MP144 (520 Wp)	OSWAL495MPN132	20.88									
			OSWAL500MPN132	21.10									
			OSWAL495MP144	19.16									
			OSWAL500MP144	19.35									
			OSWAL505MP144	19.54									
			OSWAL510MP144	19.74									
			OSWAL515MP144	19.94									
			OSWAL520MP144	20.13									
			OSWAL525MP144	20.32									
			OSWAL530MP144	20.51									
			OSWAL535MP144	20.71									

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)
								OSWAL40MP144	20.90				
					xvi	Mono c-Si PERC Module	OSWAL550MP144	OSWAL550MP144	21.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xvii	Mono c-Si PERC Module	OSWAL520MPN144 (520 Wp)	OSWAL495MPN144 OSWAL500MPN144 OSWAL505MPN144 OSWAL510MPN144 OSWAL515MPN144 OSWAL520MPN144 OSWAL525MPN144 OSWAL530MPN144 OSWAL535MPN144 OSWAL540MPN144 OSWAL545MPN144	19.16 19.35 19.54 19.74 19.94 20.13 20.32 20.51 20.71 20.90 21.09	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xviii	Mono c-Si PERC Module	OSWAL550MPN144 (550 Wp)	OSWAL550MPN144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xix	Mono c-Si PERC Module	OSWAL570MP156 (570 Wp)	OSWAL550MP156 OSWAL555MP156 OSWAL560MP156 OSWAL565MP156 OSWAL570MP156 OSWAL575MP156 OSWAL580MP156 OSWAL585MP156 OSWAL590MP156 OSWAL595MP156	19.70 19.88 20.06 20.24 20.42 20.59 20.77 20.95 21.13 21.31	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
79	M/s. HQ Lamps Manufacturing Co Pvt Ltd.	Plot No. 459-B, Sector - 53, Phase III, EPIP Industrial Estate, Kundali, Sonipat-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
					ii	Mono c-Si PERC Modules	HQL144CMD505 Wp	HQL144CMD495Wp HQL144CMD500Wp HQL144CMD505Wp HQL144CMD510Wp HQL144CMD515Wp	19.18 19.36 19.55 19.74 19.94	144 (Half Cut Cells)	1500		
					iii	Mono c-Si PERC Modules	HQL132CMD 465Wp (465 Wp)	HQL132CMD450Wp HQL132CMD455Wp HQL132CMD460Wp HQL132CMD465Wp HQL132CMD470Wp HQL132CMD475Wp HQL132CMD480Wp	19.03 19.24 19.45 19.67 19.88 20.09 20.30	132 (Half Cut Cells)	1500		
					iv	Mono c-Si PERC Modules	HQL132CMD 490Wp (490 Wp)	HQL132CMD485Wp HQL132CMD490Wp HQL132CMD495Wp HQL132CMD500Wp	20.51 20.72 20.93 21.15	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					v	Mono c-Si PERC Modules	HQL120CMD 425Wp (425 Wp)	HQL120CMD410Wp HQL120CMD415Wp HQL120CMD420Wp HQL120CMD425Wp HQL120CMD430Wp HQL120CMD435Wp HQL120CMD440Wp	19.02 19.25 19.48 19.71 19.94 20.18 20.41	120 (Half Cut Cells)	1500		
					vi	Mono c-Si PERC Modules	HQL120CMD 450Wp (450 Wp)	HQL120CMD445Wp HQL120CMD450Wp HQL120CMD455Wp	20.64 20.87 21.10	120 (Half Cut Cells)	1500		
					vii	Mono c-Si PERC Modules	HQL108CMD 385Wp (385 Wp)	HQL108CMD370Wp HQL108CMD375Wp HQL108CMD380Wp HQL108CMD385Wp HQL108CMD390Wp HQL108CMD395Wp	19.13 19.38 19.64 19.90 20.16 20.42	108 (Half Cut Cells)	1500		
					viii	Mono c-Si Modules	HQL36CMD1 20Wp(120 Wp)	HQL36CMN120Wp	19.88	36 (Half Cut Cells)	600		
80	M/s. ADM Solar Power & Infrastructure Pvt. Ltd.	Plot No: 22/1, The Printer House Private Limited, Mathura Road, Ballabgarh, Sikri Industrial Area, Faridabad, Haryana -121004, India	R-93011576	141	i	Mono c-Si PERC Module	ADM270-72M (270Wp)	ADM260-72M ADM265-72M ADM270-72M ADM275-72M ADM280-72M ADM350-96M	19.76 20.14 20.52 20.90 21.28 19.93	72 (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	ADM360-96M (360Wp)	ADM355-96M	20.22	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028																																				
								ADM360-96M	20.50																																								
								ADM365-96M	20.79																																								
								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																																								
								ADM455-120M	20.89																																								
								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																																								
								ADM500-144M	19.38																																								
								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																																								
								ADM540-144M	20.90																																								
								ADM545-144M	21.09																																								
ADM550-144M	21.29																																																
ADM555-144M	21.48																																																
					iii	Mono c-Si PERC Module	ADM405-108M (405Wp)	ADM400-108M	20.33	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028																																				
								ADM405-108M	20.58																																								
								ADM410-108M	20.83																																								
								ADM415-108M	21.09																																								
								ADM445-120M	20.43																																								
								ADM450-120M	20.66																																								
								ADM455-120M	20.89																																								
								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																																								
								ADM500-144M	19.38																																								
								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																																								
								ADM540-144M	20.90																																								
								ADM545-144M	21.09																																								
								ADM550-144M	21.29																																								
								ADM555-144M	21.48																																								
																	iv	Mono c-Si PERC Module	ADM450-120M (450Wp)	ADM450-120M	20.66	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028																								
																				ADM455-120M	20.89																												
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																																																
ADM500-144M	19.38																																																
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																																																
ADM540-144M	20.90																																																
ADM545-144M	21.09																																																
ADM550-144M	21.29																																																
ADM555-144M	21.48																																																
					v	Mono c-Si PERC Module	ADM500-132M (500Wp)			ADM500-132M	20.94	132 (Half Cut Cells)	1500							24.05.2024	23.05.2028																												
										ADM505-132M	21.15																																						
										ADM510-132M	21.36																																						
										ADM500-144M	19.38																																						
										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																																								
								ADM540-144M	20.90																																								
								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)	ADM520-144M	20.16			144 (Half Cut Cells)	1500	24.05.2024	23.05.2028																								
																		ADM525-144M	20.35																														
																		ADM530-144M	20.51																														
																		ADM535-144M	20.71																														
																		ADM540-144M	20.90																														
																		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																																																
					vii	Mono c-Si PERC Module	ADM590-156M (590Wp)					ADM575-156M	20.57					156 (Half Cut Cells)	1500	24.05.2024	23.05.2028																												
												ADM580-156M	20.74																																				
												ADM585-156M	20.92																																				
												ADM590-156M	21.10																																				
												81	M/s. Cosmic PV Power Pvt. Ltd.													Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat-394170, Gujarat, India	R-72009539	185	i	Mono c-Si PERC Module	COS TWIN-525 (525Wp)	COS TWIN-510	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																
																																COS TWIN-550	21.30																
																																82	M/s. Luminous Power Technologies Pvt. Ltd.					Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T.IE Sidkul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410	300	i	Mono c-Si PERC Module	LUM 24570M (570 Wp)	LUM 24590M	21.11	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
																																												LUM 24585M	20.93				
																																												LUM 24580M	20.75				
								LUM 24575M	20.57																																								
								LUM 24570M	20.39																																								
								LUM 24565M	20.21																																								
								LUM 24560M	20.03																																								
								LUM 24555M	19.85																																								
								LUM 24550M	19.67																																								
								LUM 24545M	19.49																																								
								LUM 24540M	19.31																																								
								LUM 24535M	19.13																																								
								LUM 24530M	18.95																																								
								LUM 24525M	18.77																																								
								LUM 24520M	18.59																																								
LUM 24515M	18.41																																																
LUM 24510M	18.23																																																
LUM 24505M	18.05																																																
LUM 24500M	17.87																																																
LUM 24495M	17.69																																																
LUM 24490M	17.51																																																
LUM 24485M	17.33																																																
LUM 24480M	17.15																																																
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24590M	21.11	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028																																				
								LUM 24585M	20.93																																								
								LUM 24580M	20.75																																								
								LUM 24575M	20.57																																								
								LUM 24570M	20.39																																								
								LUM 24565M	20.21																																								
								LUM 24560M	20.03																																								
								LUM 24555M	19.85																																								
								LUM 24550M	19.67																																								
								LUM 24545M	19.49																																								
								LUM 24540M	19.31																																								
								LUM 24535M	19.13																																								
								LUM 24530M	18.95																																								
								LUM 24525M	18.77																																								
								LUM 24520M	18.59																																								
								LUM 24515M	18.41																																								
								LUM 24510M	18.23																																								
								LUM 24505M	18.05																																								
								LUM 24500M	17.87																																								
								LUM 24495M	17.69																																								
								LUM 24490M	17.51																																								
								LUM 24485M	17.33																																								
								LUM 24480M	17.15																																								
																	iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24475M	20.01	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028																								
																				LUM 24470M	19.80																												
																				LUM 24465M	19.59																												
																				LUM 24460M	19.38																												

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)
								LUM24455M	19.17				
								LUM 24450M	20.80				
								LUM 24445M	20.57				
								LUM 24440M	20.33				
					iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24435M	20.10	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24430M	19.87				
								LUM 24425M	19.64				
								LUM 24420M	19.41				
								LUM 24400M	20.48				
								LUM 24395M	20.23				
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24390M	19.97	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24385M	19.71				
								LUM 24380M	19.46				
								LUM 24375M	19.20				
								LUM 24630T156	22.54				
								LUM 24625T156	22.36				
								LUM 24620T156	22.18				
								LUM 24615T156	22.00				
								LUM 24610T156	21.82				
								LUM 24605T156	21.64				
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24600T156	21.46	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								LUM 24595T156	21.28				
								LUM 24590T156	21.11				
								LUM 24585T156	20.93				
								LUM 24580T156	20.75				
								LUM 24575T156	20.57				
								LUM 24570T156	20.39				
								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				
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								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	21.28				
								AMS 24545M	21.09				
								AMS 24540M	20.89				
								AMS 24535M	20.70				
								AMS 24530M	20.51				
								AMS 24525M	20.31				
								AMS 24520M	20.12				
								AMS 24515M	19.93				
								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				
									19.80				
								AMS 24470M					
								AMS 24465M	19.59				
								AMS24460M	19.38				
					xi	Mono c-Si PERC Module	AMS 24475M (475 Wp)			132 (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)
								AMS24455M	19.17				
								AMS 24450M	20.80				
								AMS 24445M	20.57				
								AMS 24440M	20.33				
					xii	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24435M	20.10	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24430M	19.87				
								AMS 24425M	19.64				
								AMS 24420M	19.41				
								AMS 24415M	19.18				
								AMS 24400M	20.48				
					xiii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24395M	20.23	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24390M	19.97				
								AMS 24385M	19.71				
								AMS 24380M	19.46				
								AMS 24375M	19.20				
								AMS 24630T156	22.54				
								AMS 24625T156	22.36				
								AMS 24620T156	22.18				
								AMS 24615T156	22.00				
					xiv	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24610T156	21.82	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24605T156	21.64				
								AMS 24600T156	21.46				
								AMS 24595T156	21.28				
								AMS 24590T156	21.11				
								AMS 24585T156	20.93				
								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				
					xv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24565T144	21.86	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24560T144	21.67				
								AMS 24555T144	21.47				
								AMS 24550T144	21.28				
								AMS 24545T144	21.09				
								AMS 24540T144	20.89				
					xvi	N type TOPCon Modules	AMS 24535T144 (535 Wp)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xvii	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (540 Wp)	LUM 24540TG144	20.89	144 (Half Cut Cells)	1500		
								LUM 24545TG144	21.09				
								LUM 24560TG144	21.28				
								LUM 24565TG144	21.48				
								LUM 24560TG144	21.67				
					xviii	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24540TG144 (570 Wp)	LUM 24565TG144	21.86	144 (Half Cut Cells)	1500		
								LUM 24570TG144	22.06				
								LUM 24575TG144	22.25				
								LUM 24580TG144	22.44				
								LUM 24585TG144	22.64				
								LUM 24590TG144	22.83				
								LUM 24595TG144	23.02				
								LUM 24570TG156	20.39				
								LUM 24575TG156	20.57				
								LUM 24580TG156	20.75				
								LUM 24585TG156	20.93				
								LUM 24590TG156	21.11				
								LUM 24595TG156	21.29				
					xix	Bifacial N-TypeTOPCon Module (Glass to Glass)	LUM24600TG156 (600 Wp)	LUM 24600TG156	21.46	156 (Half Cut Cells)	1500		
								LUM 24605TG156	21.64				
								LUM 24610TG156	21.82				
								LUM 24615TG156	22.00				
								LUM 24620TG156	22.18				
								LUM 24625TG156	22.36				
								LUM 24630TG156	22.54				
								LUM 24660MG	20.03				
								LUM 24665MG	20.21				
								LUM 24670MG	20.39				
					xx	Bifacial Mono C-Si PERC Module (Glass to Glass)	LUM24575MG (575Wp)	LUM 24575MG	20.57	156 (Half Cut Cells)	1500		
								LUM 24580MG	20.75				

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)			
								LUM 24585MG	20.93	144(Half Cut Cells)	1500	24.05.2024	23.05.2028			
								LUM 24590MG	21.11							
								LUM 24500MG	19.35							
								xxii	Bifacial Mono C-Si PERC Module (Glass to Glass)					LUM 24530MG (530 Wp)	LUM 24505MG	19.54
															LUM 24510MG	19.73
															LUM 24515MG	19.93
															LUM 24520MG	20.12
															LUM 24525MG	20.31
															LUM 24530MG	20.51
															LUM 24535MG	20.70
															LUM 24540MG	20.89
															LUM 24545MG	21.09
															LUM 24550MG	21.28
								xxiii	Bifacial Mono C-Si PERC Module (Glass to Glass)					LUM 24475MG (475 Wp)	LUM 24555MG	21.48
															LUM 24455MG	19.17
															LUM 24460MG	19.38
															LUM 24465MG	19.59
															LUM 24470MG	19.80
															LUM 24475MG	20.01
															LUM 24480MG	20.22
								xxiv	Bifacial Mono c-Si PERC Module (Glass to Glass)					LUM 24430MG (430 Wp)	LUM 24485MG	20.43
															LUM 24490MG	20.64
															LUM 24495MG	20.86
															LUM 2415MG	19.18
															LUM 24420MG	19.41
LUM 24425MG	19.64															
LUM 24430MG	19.87															
xxv	Bifacial Mono c-Si PERC Module (Glass to Glass)	LUM 24385MG (385 Wp)	LUM 24435MG	20.10												
			LUM 24440MG	20.34												
			LUM 24445MG	20.57												
			LUM 24450MG	20.80												
			LUM 24375MG	19.20												
			LUM 24380MG	19.46												
			LUM 24385MG	19.72												
83	M/s. Tata Power Solar Systems Ltd	Plot No. 24-B, Industrial Shed, SY No 123, Jigani 1st Phase, Industrial Area, Jigani, Anekal Taluk, Hobli, Bengaluru, Rural Karnataka-560105, India	R-62002585	94	i	Mono c-Si PERC Modules	TP520HG10 (520 Wp)	TP495HG10	19.20	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028			
								TP500HG10	19.40							
								TP505HG10	19.59							
								TP510HG10	19.79							
								TP515HG10	19.98							
								TP520HG10	20.17							
								TP525HG10	20.37							
								TP530HG10	20.56							
								TP535HG10	20.76							
								TP540HG10	20.95							
								TP545HG10	21.10							
								ECO 380MH	19.11							
								ECO 385MH	19.36							
								ECO 390MH	19.62							
								ECO 395MH	19.87							
ECO 400MH	20.12															
84	M/s. PV Power Technologies Private Limited	Plot No.60, Tarapur Textile Park limited, Boisar Chillar Road, Sai Baba Boulevard Township, Boisar East, Palghar - 401501, Maharashtra, India	R-71007650	86	i	Mono c-Si PERC Module	ECO 400MH (400 Wp)	E550HCBG144	21.29	72 (Full Cells)	1500	08.07.2024	07.07.2028			
								E545HCBG144	21.10							
								E540HCBG144	20.90							
								E535HCBG144	20.71							
								E530HCBG144	20.52							
								E525HCBG144	20.32							
								E520HCBG144	20.13							
								E515HCBG144	19.94							
								E510HCBG144	19.74							
								E505HCBG144	19.55							
								E500HCBG144	19.36							
								E495HCBG144	19.16							
								E500HCBG132	21.03							
								E495HCBG132	20.82							
								E490HCBG132	20.61							
85	M/s. Emmvee Energy Private Limited	Sy. No. 66-70/3, Sompura Industrial Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India	R-62004626	1504	i	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E525HCBG144 (525 Wp)	E495HCBG144	19.16	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028			
								E490HCBG132 (490 Wp)	19.36							
								E500HCBG132	21.03							
								E495HCBG132	20.82							
								E490HCBG132	20.61							

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 Glass)	E430HCBG120 (430 Wp)	E485HCBG132	20.40	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028												
								E480HCBG132	20.19																
								E450HCBG120	20.74																
								E445HCBG120	20.51																
								E440HCBG120	20.28																
								E435HCBG120	20.05																
								E430HCBG120	19.82																
								E425HCBG120	19.59																
								E420HCBG120	19.36																
								E415HCBG120	19.13																
								E405HCBG108	20.76																
								E400HCBG108	20.51																
								E395HCBG108	20.25																
								E390HCBG108	20.00																
								E385HCBG108	19.74																
								E580HCBG144-T	22.45																
								E575HCBG144-T	22.26																
								E570HCBG144-T	22.07																
								E565HCBG144-T	21.87																
								E560HCBG144-T	21.68																
								E555HCBG144-T	21.48																
								E550HCBG144-T	21.29																
								E545HCBG144-T	21.10																
								E540HCBG144-T	20.90																
								E535HCBG144-T	20.71																
								E530HCBG144-T	20.52																
																	v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E395HCBG108 (395 Wp)	E400HCBG108	20.51	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
																				E395HCBG108	20.25				
																				E390HCBG108	20.00				
																				E385HCBG108	19.74				
																				E580HCBG144-T	22.45				
																				E575HCBG144-T	22.26				
																				E570HCBG144-T	22.07				
																				E565HCBG144-T	21.87				
																				E560HCBG144-T	21.68				
																				E555HCBG144-T	21.48				
																				E550HCBG144-T	21.29				
																				E545HCBG144-T	21.10				
																				E540HCBG144-T	20.90				
																				E535HCBG144-T	20.71				
E530HCBG144-T	20.52																								
					vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)			E525HCBG144-T	20.32	144 (Half Cut Cells)	1500							08.07.2024	07.07.2028				
										E520HCBG132-T	22.29														
										E515HCBG132-T	22.08														
										E510HCBG132-T	21.87														
										E505HCBG132-T	21.66														
										E500HCBG132-T	21.45														
										E495HCBG132-T	21.24														
										E490HCBG132-T	21.03														
										E485HCBG132-T	20.82														
										E480HCBG132-T	20.61														
										E475HCBG132-T	20.40														
										E470HCBG132-T	20.19														
										E465HCBG120-T	22.13														
										E460HCBG120-T	21.90														
										E455HCBG120-T	21.67														
										E450HCBG120-T	21.44														
										E445HCBG120-T	21.20														
										E440HCBG120-T	20.97														
										E435HCBG108-T	20.74														
										E430HCBG108-T	20.51														
										E425HCBG108-T	20.28														
										E420HCBG108-T	22.30														
										E415HCBG108-T	22.05														
										E410HCBG108-T	21.79														
										E405HCBG108-T	21.53														
								E400HCBG108-T	21.28																
								E395HCBG108-T	21.02																
								E390HCBG108-T	20.76																
								E385HCBG108-T	20.51																
								E380HCBG108-T	20.25																
															vii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	LE24M410	20.88			132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
																		LE24M405	20.63						
																		LE24M400	20.37						
																		LE24M395	20.12						
																		LE24M390	19.86						
																		LE24M385	19.61						
																		LE24M380	19.36						
																		LE144M555H	21.48						
																		LE144M550H	21.29						
																		LE144M545H	21.10						
LE144M540H	20.90																								
LE144M535H	20.71																								
86	M/s. Lubi Electronics	Survey No. 75, Opposite Essar Petrol Pump, Prantiya, Gandinagar - 382355, Gujarat, India	R-72002380	40	i	Mono c-Si PERC Module	LE24M395 (395 Wp)					LE24M410	20.88					72 (Full Cells)	1500	08.07.2024	07.07.2028				
		Co-ALMM with M/s. Solex Energy Limited	R-72011304	20 MW/Year (As per Co-Branding Agreement)								LE24M405	20.63												
		Manufacturing Address: Plot No 1A,										LE24M400	20.37												
												LE24M395	20.12												
												LE24M390	19.86												
												LE24M385	19.61												
												LE24M380	19.36												
												LE144M555H	21.48												
												LE144M550H	21.29												
												LE144M545H	21.10												
												LE144M540H	20.90												
												LE144M535H	20.71												

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)
		Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat - 394110, Gujarat, India			ii	Mono c-Si PERC Module	(530 Wp)	LE144M530H LE144M525H LE144M520H LE144M515H LE144M510H LE144M505H	20.52 20.32 20.13 19.94 19.74 19.55	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					iii	Mono c-Si PERC Module	LE144M500H (500 Wp)	LE144M500H	19.35	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					iv	Bifacial Mono c-Si PERC Module	LE144MBF525H (525 Wp)	LE144MBF550H LE144MBF545H LE144MBF540H LE144MBF535H LE144MBF530H LE144MBF525H LE144MBF520H LE144MBF515H LE144MBF510H LE144MBF505H LE144MBF500H	21.29 21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.35	144 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					v	Mono c-Si PERC Module	LE132M485H (485 Wp)	LE132M505H LE132M500H LE132M495H LE132M490H LE132M485H LE132M480H LE132M475H LE132M470H LE132M465H LE132M460H	21.26 21.05 20.83 20.62 20.41 20.20 19.99 19.78 19.57 19.36	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					vi	Bifacial Mono c-Si PERC Module	LE132MBF480H (480 Wp)	LE132MBF500H LE132MBF495H LE132MBF490H LE132MBF485H LE132MBF480H LE132MBF475H LE132MBF470H LE132MBF465H LE132MBF460H	21.05 20.83 20.62 20.41 20.20 19.99 19.78 19.57 19.36	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					vii	Bifacial Mono c-Si PERC Module	LE132MBF455H (455 Wp)	LE132MBF455H	19.15	132 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					viii	Mono c-Si PERC Module	LE120M440H (440 Wp)	LE120M460H LE120M455H LE120M450H LE120M445H LE120M440H LE120M435H LE120M430H LE120M425H	21.18 20.95 20.72 20.49 20.26 20.03 19.80 19.57	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					ix	Mono c-Si PERC Module	LE120M420H (420 Wp)	LE120M420H	19.34	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					x	Bifacial Mono c-Si PERC Module	LE120MBF435H (435 Wp)	LE120MBF455H LE120MBF450H LE120MBF445H LE120MBF440H LE120MBF435H LE120MBF430H LE120MBF425H LE120MBF420H LE120MBF415H	20.95 20.72 20.49 20.26 20.03 19.80 19.57 19.34 19.11	120 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					xi	Mono c-Si PERC Module	LE108M400H (400 Wp)	LE108M415H LE108M410H LE108M405H LE108M400H LE108M395H LE108M390H LE108M385H LE108M380H	21.15 20.90 20.64 20.39 20.13 19.88 19.62 19.37	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
					xii	Mono c-Si PERC Module	LE108M375H (375 Wp)	LE108M375H	19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
												LE108MBF410H LE108MBF405H LE108MBF400H	20.90 20.64 20.39

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiii	Bifacial Mono c-Si PERC Module	LE108MBF385H (385 Wp)	LE108MBF395H LE108MBF390H LE108MBF385H LE108MBF380H LE108MBF375H	20.13 19.88 19.62 19.37 19.11	108 (Half Cut Cells)	1500	02.12.2024	12.09.2025
87	M/s Avaada Electro Private Limited	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93090724	1165	i	Bifacial N-Type TOPCon Modules	AVN72M10G575 (575 Wp)	AVN72M10G565 AVN72M10G570 AVN72M10G575 AVN72M10G580 AVN72M10G585 AVN66M10G515 AVN66M10G520 AVN66M10G525 AVN66M10G530 AVN66M10G535 AVN60M10G465 AVN60M10G470 AVN60M10G475 AVN60M10G480 AVN60M10G485	21.87 22.06 22.26 22.45 22.64 21.69 21.90 22.11 22.32 22.53 21.47 21.70 21.93 22.16 22.39	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Bifacial N-Type TOPCon Modules	AVN66M10G525 (525 Wp)	AVN66M10G525 AVN66M10G530 AVN66M10G535	22.11 22.32 22.53	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					iii	Bifacial N-Type TOPCon Modules	AVN60M10G475 (475 Wp)	AVN60M10G475 AVN60M10G480 AVN60M10G485	21.47 21.70 21.93 22.16 22.39	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
88	M/s. Laxmi Solar Power System Private Limited	Khasra No. 192, Harsun Tildahdih Kharora near ITBP camp, Raipur - 493225, Chhattisgarh, India	R-59000442	121	i	Mono c-Si PERC Modules	LSP 530 (530 Wp)	LSP 520 LSP 525 LSP 530 LSP 535 LSP 540	20.13 20.32 20.52 20.71 20.90	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Mono c-Si PERC Modules	LSP 435 (435 Wp)	LSP 420 LSP 425 LSP 430 LSP 435 LSP 440 LSP 445 LSP 450	19.41 19.64 19.87 20.10 20.33 20.57 20.80	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					iii	Mono c-Si PERC Modules	LSP 400 (400 Wp)	LSP 390 LSP 395 LSP 400 LSP 405 LSP 410	19.97 20.23 20.48 20.74 20.99	108 (Half Cut Cells)	1500	28.08.2024	27.08.2028
89	M/s. Uratom Solar (India) Private Limited	Survey No. 752 P1, National Highway 27, Near Chordi Village, Gondal - 360311, Gujarat, India	R-72010081	46	i	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 144 - 530 WP (530 Wp)	USM10 - 144 - 510 WP USM10 - 144 - 515 WP USM10 - 144 - 520 WP USM10 - 144 - 525 WP USM10 - 144 - 530 WP USM10 - 144 - 535 WP USM10 - 144 - 540 WP USM10 - 144 - 545 WP USM10 - 144 - 550 WP	19.72 19.91 20.10 20.30 20.49 20.68 20.88 21.07 21.26	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 132 - 490 WP (490 Wp)	USM10 - 132 - 495 WP USM10 - 132 - 500 WP USM10 - 132 - 505 WP	19.14 19.33 19.52	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 120 - 440 WP (440 Wp)	USM10 - 120 - 425 WP USM10 - 120 - 430 WP USM10 - 120 - 435 WP USM10 - 120 - 440 WP USM10 - 120 - 445 WP USM10 - 120 - 450 WP USM10 - 120 - 455 WP USM10 - 120 - 460 WP	19.63 19.86 20.09 20.32 20.55 20.78 21.01 21.24	120 (Half Cut Cells)	1500	28.08.2024	27.08.2028
90	M/s Powertrac Solar Projects Limited	LS No. - 248/2, Opp. Rai Bus stand, Wadhwan-Limbdi Highway, Taluko Wadhwan, Sankali, Surendranagar- 363030, Gujarat, India	R-72007269	47	i	Mono c-Si PERC Modules	PSPL144MPM530 (530 Wp)	PSPL144MPM505 PSPL144MPM510 PSPL144MPM515 PSPL144MPM520 PSPL144MPM525 PSPL144MPM530 PSPL144MPM535 PSPL144MPM540 PSPL144MPM545 PSPL144MPM550 PSPL156MPM545 PSPL156MPM550 PSPL156MPM555 PSPL156MPM560 PSPL156MPM565	19.54 19.73 19.93 20.12 20.31 20.51 20.70 20.89 21.09 21.28 19.49 19.67 19.85 20.02 20.20	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
							PSPL156MPM570	PSPL156MPM570	20.20				

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)
					ii	Mono c-Si PERC Modules	(570 Wp)	PSPL156MPM570 PSPL156MPM575 PSPL156MPM580 PSPL156MPM585 PSPL156MPM590 PSPL156MPM595	20.38 20.56 20.74 20.92 21.10 21.28	156 (Half Cut Cells)	1500	27.09.2024	26.09.2028
91	M/s. Sun N Sand Exim (India) Pvt. Ltd.	Plot No- 106, Sector 16, HSIIDC Industrial Estate, Bahadurgarh, Distt. Jhajjar, Haryana – 124507, India	R-91004529	69	i	Mono c-Si PERC Modules	SNS120CM340Wp (340 Wp)	SNS120CM330Wp SNS120CM335Wp SNS120CM340Wp SNS120CM345Wp SNS120CM350Wp	19.58 19.88 20.18 20.47 20.77	120 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					ii	Mono c-Si PERC Modules	SNS120CM450Wp (450 Wp)	SNS120CM435Wp SNS120CM440Wp SNS120CM445Wp SNS120CM450Wp SNS120CM455Wp SNS120CM460Wp	20.06 20.29 20.52 20.75 20.99 21.22	120 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					iii	Mono c-Si PERC Modules	SNS132CM375Wp (375 Wp)	SNS132CM365Wp SNS132CM370Wp SNS132CM375Wp SNS132CM380Wp SNS132CM385Wp SNS132CM475Wp	19.78 20.05 20.33 20.6 20.87 20.01	132 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					iv	Mono c-Si PERC Modules	SNS132CM490Wp (490 Wp)	SNS132CM480Wp SNS132CM485Wp SNS132CM490Wp SNS132CM495Wp SNS132CM500Wp SNS132CM505Wp SNS132CM510Wp	20.22 20.43 20.64 20.86 21.07 21.28 21.49	132 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					v	Mono c-Si PERC Modules	SNS144CM550Wp (550 Wp)	SNS144CM530Wp SNS144CM535Wp SNS144CM540Wp SNS144CM545Wp SNS144CM550Wp SNS144CM555Wp SNS144CM560Wp SNS144CM565Wp SNS144CM570Wp	20.52 20.71 20.9 21.1 21.29 21.48 21.68 21.87 22.07	144 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					vi	Mono c-Si PERC Modules	SNS36CM135Wp (135 Wp)	SNS36CM135Wp	19.61	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					vii	Mono c-Si PERC Modules	SNS36CM155Wp (155 Wp)	SNS36CM150Wp SNS36CM155Wp	19.41 20.05	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					viii	Mono c-Si PERC Modules	SNS36CM175Wp (175 Wp)	SNS36CM175Wp SNS36CM180Wp	19.64 20.2	36 (Half Cut Cell)	600	27.09.2024	26.09.2028
					ix	Mono c-Si PERC Modules	SNS96CM275Wp (275 Wp)	SNS96CM265Wp SNS96CM270Wp SNS96CM275Wp SNS96CM280Wp	19.49 19.85 20.22 20.59	96 (Half Cut Cell)	1500	27.09.2024	26.09.2028
					x	Mono c-Si PERC Modules	SNS96CM360Wp (360 Wp)	SNS96CM350Wp SNS96CM355Wp SNS96CM360Wp SNS96CM365Wp SNS96CM370Wp	20.03 20.31 20.6 20.89 21.17	96 (Half Cut Cell)	1500	27.09.2024	26.09.2028
92	Junna Solar Systems Limited	Unit – II Plot Number 21, Chandanvaally, Sy No 195, Shabad Mandal, Hythabad, Ranga Reddy, Telangana, India- 501503	R-63004146	94	i	Mono c-Si PERC Module	JUNNA525MP144 (525 Wp)	JUNNA550MP144 JUNNA545MP144 JUNNA540MP144 JUNNA535MP144 JUNNA530MP144 JUNNA525MP144 JUNNA520MP144 JUNNA515MP144 JUNNA510MP144 JUNNA505MP144 JUNNA500MP144	21.31 21.12 20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57 19.37	144 (Half Cut Cell)	1500V	27.09.2024	26.09.2028
					ii	Mono c-Si PERC Module	JUNNA480MP132 (480 Wp)	JUNNA500MP132 JUNNA495MP132 JUNNA490MP132 JUNNA485MP132 JUNNA480MP132 JUNNA475MP132 JUNNA470MP132	21.06 20.85 20.64 20.43 20.22 20.01 19.80	132 (Half Cut Cell)	1500V	27.09.2024	26.09.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					iii	Mono c-Si PERC Module	JUNNA435MP120 (435 Wp)	JUNNA465MP132	19.59	120 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
								JUNNA460MP132	19.38									
								JUNNA455MP120	21.00									
								JUNNA450MP120	20.77									
								JUNNA445MP120	20.54									
								JUNNA440MP120	20.31									
								JUNNA435MP120	20.08									
								JUNNA430MP120	19.85									
								JUNNA425MP120	19.62									
								JUNNA420MP120	19.39									
								JUNNA415MP120	19.16									
								iv	Mono c-Si PERC Module					JUNNA395MP108 (395 Wp)	JUNNA410MP108	20.97	108 (Half Cut Cell)	1500V
					JUNNA405MP108	20.71												
					JUNNA400MP108	20.45												
					JUNNA395MP108	20.20												
					JUNNA390MP108	19.94												
					JUNNA385MP108	19.69												
					v	Mono c-Si PERC Module	JUNNA350MP96 (350 Wp)	JUNNA380MP108	19.43	96 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
								JUNNA365MP96	20.91									
								JUNNA360MP96	20.62									
								JUNNA355MP96	20.33									
								JUNNA350MP96	20.05									
								JUNNA345MP96	19.76									
					vi	Mono c-Si PERC Module	JUNNA265MP72 (265 Wp)	JUNNA340MP96	19.47	72 (Half Cut Cell)	1500V	27.09.2024	26.09.2028					
JUNNA335MP96	19.19																	
JUNNA275MP72	20.75																	
JUNNA270MP72	20.37																	
JUNNA265MP72	19.99																	
JUNNA260MP72	19.61																	
93	M/s SAEI Solar P6 Pvt. Ltd.	Land Kh. No. 354/2, New Kh. No. 844/354, Village Patan, Tehsil Kishangarh, Ajmer - 305801, Rajasthan, India	R-84004898	2065	i	Bifacial N-Type TOPCon Module (Glass to Glass)	SL156GTG-630 T (630 Wp)	SL156GTG-630 T	22.58	156 (Half Cut Cells)	1500	14.10.2024	13.10.2028					
								SL156GTG-625 T	22.4									
								SL156GTG-620 T	22.23									
								SL156GTG-615 T	22.05									
								SL156GTG-610 T	21.87									
								SL156GTG-605 T	21.69									
								SL156GTG-600 T	21.51									
								SL144GTG-580T	22.53					144(Half Cut Cells)	1500	14.10.2024	13.10.2028	
								SL144GTG-575T	22.34									
								SL144GTG-570T	22.14									
								SL144GTG-565T	21.95									
								SL144HC-545	21.09									144(Half Cut Cells)
					SL144HC-540	20.89												
					SL144HC-535	20.7												
					SL144HC-530	20.51												
					SL144HC-525	20.31												
					SL144HC-520	20.12												
					94	M/s. FS Green Energies Private Limited	Block No. 160 - 164, 168 Besides Act Agro Chem Pvt. Ltd., Juni Jithardi Road, Near Karjan Cross Road, NH - 8, Vadodara-391240, Gujarat, India	R-72011258	572	i	Bifacial N-Type TOPCon Modules (Glass to Glass)	FST-M10.156G-620 (620 Wp)	FST-M10.156G-630	22.54	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
													FST-M10.156G-625	22.36				
													FST-M10.156G-620	22.18				
													FST-M10.156G-615	22.00				
													FST-M10.156G-610	21.82				
													FST-M10.144G-580	22.45				
										FST-M10.144G-575	22.26							
FST-M10.144G-570	22.07																	
FST-M10.144G-565	21.87																	
FST-M10.144G-560	21.68																	
FST-M10.132G-530	22.33	132 (Half Cut Cells)	1500	28.10.2024						27.10.2028								
FST-M10.132G-525	22.12																	
FST-M10.132G-520	21.91																	
FST-M10.120G-480	22.18										120 (Half Cut Cells)	1500	28.10.2024	27.10.2028				
FST-M10.120G-475	21.95																	
FST-M10.120G-470	21.72																	
FST-M10.108G-435	22.26	108 (Half Cut Cells)	1500	28.10.2024						27.10.2028								
FST-M10.108G-430	22.01																	
FST-M10.108G-425	21.75																	
FST-M10.108G-420	21.50																	
FSP-M10.156B-600	21.46																	
FSP-M10.156B-595	21.29																	
FSP-M10.156B-590	21.11																	
FSP-M10.156B-585	20.93																	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	(Glass to Transparent Back sheet)	(585 Wp)	FSP-M10.156B-580 FSP-M10.156B-575 FSP-M10.156B-570 FSP-M10.156B-565 FSP-M10.156B-560	20.75 20.57 20.39 20.21 20.03	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.144B-535 (535 Wp)	FSP-M10.144B-550 FSP-M10.144B-545 FSP-M10.144B-540 FSP-M10.144B-535 FSP-M10.144B-530 FSP-M10.144B-525 FSP-M10.144B-520	21.29 21.10 20.90 20.71 20.52 20.32 20.13	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.132B-495 (495 Wp)	FSP-M10.132B-505 FSP-M10.132B-500 FSP-M10.132B-495 FSP-M10.132B-490 FSP-M10.132B-485 FSP-M10.132B-480	21.28 21.07 20.86 20.64 20.43 20.22	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.120B-445 (445 Wp)	FSP-M10.120B-460 FSP-M10.120B-455 FSP-M10.120B-450 FSP-M10.120B-445 FSP-M10.120B-440 FSP-M10.120B-435 FSP-M10.120B-430	21.26 21.03 20.80 20.57 20.34 20.10 19.87	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					x	Bifacial Mono c-Si PERC Module (Glass to Transparent Back sheet)	FSP-M10.108B-405 (405 Wp)	FSP-M10.108B-415 FSP-M10.108B-410 FSP-M10.108B-405 FSP-M10.108B-400 FSP-M10.108B-395 FSP-M10.108B-390	21.24 20.98 20.73 20.47 20.22 19.96	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xi	Mono c-Si PERC Module	FSP-M10.156W-580 (580 Wp)	FSP-M10.156W-600 FSP-M10.156W-595 FSP-M10.156W-590 FSP-M10.156W-585 FSP-M10.156W-580 FSP-M10.156W-575 FSP-M10.156W-570 FSP-M10.156W-565 FSP-M10.156W-560	21.46 21.29 21.11 20.93 20.75 20.57 20.39 20.21 20.03	156 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xii	Mono c-Si PERC Module	FSP-M10.144W-535 (535 Wp)	FSP-M10.144W-550 FSP-M10.144W-545 FSP-M10.144W-540 FSP-M10.144W-535 FSP-M10.144W-530 FSP-M10.144W-525 FSP-M10.144W-520	21.29 21.10 20.90 20.71 20.52 20.32 20.13	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xiii	Mono c-Si PERC Module	FSP-M10.132W-490 (490Wp)	FSP-M10.132W-505 FSP-M10.132W-500 FSP-M10.132W-495 FSP-M10.132W-490 FSP-M10.132W-485 FSP-M10.132W-480	21.28 21.07 20.86 20.64 20.43 20.22	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xiv	Mono c-Si PERC Module	FSP-M10.120W-450 (450 Wp)	FSP-M10.120W-460 FSP-M10.120W-455 FSP-M10.120W-450 FSP-M10.120W-445 FSP-M10.120W-440 FSP-M10.120W-435 FSP-M10.120W-430	21.26 21.03 20.80 20.57 20.34 20.10 19.87	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028
					xv	Mono c-Si PERC Module	FSP-M10.108W-400 (400 Wp)	FSP-M10.108W-415 FSP-M10.108W-410 FSP-M10.108W-405 FSP-M10.108W-400 FSP-M10.108W-395 FSP-M10.108W-390	21.24 20.98 20.73 20.47 20.22 19.96	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028
								FSP-M10.144G-560 FSP-M10.144G-555 FSP-M10.144G-550	21.68 21.48 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)				
					vii	(Glass to Transparent Backsheet)	(545 Wp)	HEXN144P545	21.10	144 (Half Cut Cells)	1500	28.10.2024	27.10.2028				
								HEXN144P540	20.90								
								HEXN144P535	20.71								
								HEXN144P530	20.52								
					viii	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN132P505 (505 Wp)	HEXN132P520	21.90	132 (Half Cut Cells)	1500	28.10.2024	27.10.2028				
								HEXN132P515	21.69								
								HEXN132P510	21.48								
								HEXN132P505	21.27								
								HEXN132P500	21.06								
								HEXN132P495	20.85								
					ix	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN120P445 (445 Wp)	HEXN132P490	20.64	120 (Half Cut Cells)	1500	28.10.2024	27.10.2028				
								HEXN120P460	21.28								
								HEXN120P455	21.05								
								HEXN120P450	20.82								
								HEXN120P445	20.59								
								HEXN120P440	20.36								
					x	Mono c-Si PERC Module (Glass to Transparent Backsheet)	HEXN108P410 (410 Wp)	HEXN120P430	19.89	108 (Half Cut Cells)	1500	28.10.2024	27.10.2028				
								HEXN108P425	21.76								
								HEXN108P420	21.51								
								HEXN108P415	21.25								
HEXN108P410	21.00																
HEXN108P405	20.74																
96	M/s. Indosolar Limited	3c/1, Ecotech-II, Udyog Vihar, Greater Noida -210306 Uttar Pradesh	R-93032344	1525	i	Bifacial Mono c-Si PERC Modules (Glass to Glass)	Bi-55-535 (535 Wp)	Bi-55-520	20.20	144(Half Cut Cells) (Cell Size 182*182)	1500						
								Bi-55-525	20.39								
								Bi-55-530	20.59								
								Bi-55-535	20.78								
								Bi-55-540	20.98								
								Bi-55-545	21.17								
								Bi-55-550	21.37								
								BIN-08-560	21.68								
					ii	Bifacial N-type TOPCon Modules (Glass to Glass)	BIN-08-575 (575 Wp)	BIN-08-565	21.87	144 (Half Cut Cells) (Cell Size 182*182)	1500	06.01.2025	05.01.2029				
								BIN-08-570	22.06								
								BIN-08-575	22.26								
								BIN-08-580	22.45								
								BIN-08-585	22.64								
								BIN-08-590	22.84								
					iii	Bifacial N-type TOPCon Modules (Glass to Glass)	BIN-03-695 (695 Wp)	BIN-08-595	23.03	144 (Half Cut Cells) (Cell Size 182*182)	1500						
								BIN-08-600	23.22								
								BIN-03-680	21.89								
								BIN-03-685	22.05								
								BIN-03-690	22.21								
								BIN-03-695	22.37								
97	M/s.Visaka Industries Limited (ATUM Division)	Survey No. 95&96, Adjacent to Kukkadam Railway Station, Kukkadam Post, Gajalapur, Madugulapally, Nalgonda-508207, Telangana	R-63000795	16	i	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550M (550Wp)	VIL-550M	21.29	144 (Half Cut Cells)	1500	06.01.2025	05.01.2029				
														ii	Mono c-Si PERC Module (Cell Size 182*182)	VIL-550AM (550Wp)	VIL-550AM
												BIN-03-700	22.53				
												BIN-03-705	22.70				
												BIN-03-710	22.86				

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: 08th July, 2024

To,

M/s. Spark Solar Technologies Pvt. Ltd.
N-4, Rajlaxmi Hitech Textile Park,
Sonale Village, Off. Mumbai Nasik Highway,
Bhiwandi, Thane - 421302,
Maharashtra, India.
Email id: siddhartha@sparksolar.in

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Spark Solar Technologies Private Limited, N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway, Bhiwandi, Thane -421302, Maharashtra, India in respect of 04 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



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

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

Copy for internal circulation to: PS to Secretary / PS to JS (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. Spark Solar Technologies Private Limited
Plant Address	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	42 MW/Year
Applied Capacity	52 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)	Remarks
1	Bifacial N-Type TOPCon Modules	SS 580-144 TB (580 Wp)	SS 600-144 TB	23.23	R-71023310	144 (Half Cut Cells)	1500	Provisionally enlisted
			SS 595-144 TB	23.03				
			SS 590-144 TB	22.84				
			SS 585-144 TB	22.64				
			SS 580-144 TB	22.45				
			SS 575-144 TB	22.26				
			SS 570-144 TB	22.06				
			SS 565-144 TB	21.87				
			SS 560-144 TB	21.68				
			SS 555-144 TB	21.48				
2	N-Type TOPCon Modules	SS 580-144 T (580 Wp)	SS 600-144 T	23.23	R-71023310	144 (Half Cut Cells)	1500	Provisionally enlisted
			SS 595-144 T	23.03				
			SS 590-144 T	22.84				
			SS 585-144 T	22.64				
			SS 580-144 T	22.45				
			SS 575-144 T	22.26				
			SS 570-144 T	22.06				
			SS 565-144 T	21.87				
			SS 560-144 T	21.68				
			SS 555-144 T	21.48				
3	Bifacial N-Type TOPCon Modules	SS 545-132 TB (545 Wp)	SS 550-132 TB	23.16	R-71023310	132 (Half Cut Cells)	1500	Provisionally enlisted
			SS 545-132 TB	22.95				
			SS 540-132 TB	22.40				
			SS 535-132 TB	22.53				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)	Remarks
4	N-Type TOPCon Modules	SS 545-132 T (545 Wp)	SS 550-132 T	23.16		132 (Half Cut Cells)	1500	
			SS 545-132 T	22.95				
			SS 540-132 T	22.40				

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

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 08th July, 2024

To,

M/s. Sova Solar Limited
Layout Plot No: 25, E.P.I.P,
Banskopa, Durgapur-713212,
West Bengal, India.
Email id: krish@sovasolar.com

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

Sir,

This is in reference to the application received from M/s. Sova 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. Sova Solar Limited, Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur - 713212, West Bengal, 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 / 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. Sova Solar Limited
Plant Address	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur - 713212, West Bengal, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	532 MW/Year
Applied Capacity	1000 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
1	N-Type TOPCON Modules (Glass to Glass)	SS56514 4HCGT (565Wp)	SS58014 4HCGT	22.48	R-51000590	144 (Half Cut Cells)	1500	Provisionally enlisted
			SS57514 4HCGT	22.29				
			SS57014 4HCGT	22.09				
			SS56514 4HCGT	21.90				
			SS56014 4HCGT	21.71				
			SS55514 4HCGT	21.51				
			SS55014 4HCGT	21.32				
			SS54514 4HCGT	21.12				
			SS54014 4HCGT	20.93				
2	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SS49013 2HCMP (490Wp)	SS50513 2HCMP	21.27	R-51000590	132 (Half Cut Cells)	1500	Provisionally enlisted
			SS50013 2HCMP	21.06				
			SS49513 2HCMP	20.85				
			SS49013 2HCMP	20.64				
			SS48513 2HCMP	20.43				
			SS48013 2HCMP	20.22				
			SS47513 2HCMP	20.01				
			SS47013 2HCMP	19.80				

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 27th September, 2024

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary

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

Appendix-I

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

Details of Additional Models:

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

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S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
8	Mono c-Si PERC Modules (Glass to Transparent Backsheet)	SEPLM10B108-420 (420 Wp)	SEPLM10B108-440	22.53		108 (Half Cut Cell)	1500	
			SEPLM10B108-435	22.27				
			SEPLM10B108-430	22.02				
			SEPLM10B108-425	21.76				
			SEPLM10B108-420	21.51				
			SEPLM10B108-415	21.25				
			SEPLM10B108-410	20.99				
9	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B156-620 (620 Wp)	SEPLT16B156-640	22.90		156 (Half Cut Cell)	1500	
			SEPLT16B156-635	22.72				
			SEPLT16B156-630	22.55				
			SEPLT16B156-625	22.37				
			SEPLT16B156-620	22.19				
			SEPLT16B156-615	22.01				
			SEPLT16B156-610	21.83				
10	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B144-580 (580 Wp)	SEPLT16B144-595	23.03		144 (Half Cut Cell)	1500	
			SEPLT16B144-590	22.84				
			SEPLT16B144-585	22.64				
			SEPLT16B144-580	22.45				
			SEPLT16B144-575	22.26				
11	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B132-540 (540 Wp)	SEPLT16B144-570	22.06		132 (Half Cut Cell)	1500	
			SEPLT16B132-560	23.58				
			SEPLT16B132-555	23.37				
			SEPLT16B132-550	23.16				
			SEPLT16B132-545	22.95				
			SEPLT16B132-540	22.74				
			SEPLT16B132-535	22.53				
12	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B120-500 (500 Wp)	SEPLT16B132-530	22.32		120 (Half Cut Cell)	1500	
			SEPLT16B120-525	22.11				
			SEPLT16B120-520	24.06				
			SEPLT16B120-515	23.83				
			SEPLT16B120-510	23.59				
			SEPLT16B120-505	23.36				
			SEPLT16B120-500	23.13				
			SEPLT16B120-495	22.90				
			SEPLT16B120-490	22.67				
13	N-Type TOPCon Modules (Glass to Transparent Backsheet)	SEPLT16B108-430 (430 Wp)	SEPLT16B120-485	22.44		108 (Half Cut Cell)	1500	
			SEPLT16B120-480	22.21				
			SEPLT16B120-475	21.98				
			SEPLT16B108-450	23.04				
			SEPLT16B108-445	22.79				
			SEPLT16B108-440	22.53				
			SEPLT16B108-435	22.27				
SEPLT16B108-430	22.02							
	SEPLT16B108-425	21.76						
	SEPLT16B108-420	21.51						
	SEPLT16B108-415	21.25						

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

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

To

M/s. Credence Solar Panels Private Limited,
Plot no 18 and 19, Survey No 142/2,
Rajkot-Jamnagar highway, Padadhari,
Rajkot, Gujarat, India- 360110

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

Sir / Madam,

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 and 19, Survey No 142/2, Rajkot-Jamnagar highway, Padadhari, Rajkot, Gujarat, India- 360110**, in respect of 2 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary

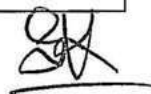
Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website

Appendix-I

Name of Manufacturer	Credence Solar Panels Private Limited
Plant Address	Plot no 18 and 19, Survey No 142/2, Rajkot-Jamnagar highway, Padadhari, Rajkot, Gujarat, India- 360110
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	500 MW/Year
Applied Capacity	500 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)	Remarks
1	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-HBT580-144 (580 Wp)	CS-HBT560-144	21.68	R-72006165	144 (Half cut Cells)	1500	Provisionally enlisted
			CS-HBT565-144	21.87				
			CS-HBT570-144	22.07				
			CS-HBT575-144	22.26				
			CS-HBT580-144	22.45				
			CS-HBT585-144	22.65				
			CS-HBT590-144	22.84				
			CS-HBT595-144	23.03				
2	Bifacial N-Type TOPCon Module (Glass to Glass)	CS-HBT625-156 (625 Wp)	CS-HBT600-144	23.23	R-72006165	156 (Half Cut Cells)	1500	Provisionally enlisted
			CS-HBT610-156	21.81				
			CS-HBT615-156	21.99				
			CS-HBT620-156	22.17				
			CS-HBT625-156	22.35				
			CS-HBT630-156	22.53				
			CS-HBT635-156	22.71				
CS-HBT640-156	22.89							



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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

To

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary

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

Appendix-I

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

Details of Additional Models:

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

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

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

To

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



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

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

Copy for internal circulation to: PS to Secretary

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

Appendix-I

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

Details of Additional Models:

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

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

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

To

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary

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

Appendix-I

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

Details of Additional Models:

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

SA

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

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

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

To

M/s. Swelect HHV Solar Photovoltaics Pvt. Ltd.
SF–No.169/1-2,168/3A-3E,169/4-9,166/1B1B,
166/1B2A-2E,166/1B2L,166/1B2M,
Kuppaepalayam Village, Avinashi Taluk,
Coimbatore-641107, Tamil Nadu India

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Swelect HHV Solar Photovoltaics Pvt. Ltd. - reg.

Sir / Madam,

This is in reference to the application received from **M/s. Swelect HHV Solar Photovoltaics 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. Swelect HHV Solar Photovoltaics Pvt. Ltd. SF–No.169/1-2,168/3A-3E,169/4-9,166/1B1B, 66/1B2A-2E,166/1B2L,166/1B2M, Kuppaepalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu 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

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

Name of Manufacturer	M/s. Swelect HHV Solar Photovoltaics Pvt Ltd.
Plant Address	SF-No.169/1-2,168/3A-3E,169/4-9,166/1B1B,166/1B2A 2E,166/1B2L,166/1B2M, Kuppaepalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	627 MW/Year
Applied Capacity	700 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0395 (395 Wp)	SWT15BG0380	19.46	R-61003433	108 (Half Cut Cells)	1500
			SWT15BG0385	19.72			
			SWT15BG0390	19.97			
			SWT15BG0395	20.23			
			SWT15BG0400	20.48			
			SWT15BG0405	20.74			
2	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG0425 (425 Wp)	SWT15BG0410	21.00		108 (Half Cut Cells)	1500
			SWT15BG0415	21.25			
			SWT15BG0420	21.51			
			SWT15BG0425	21.76			
			SWT15BG0430	22.02			
			SWT15BG0435	22.28			
3	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2435 (435 Wp)	SWT15BG2420	19.40		120 (Half Cut Cells)	1500
			SWT15BG2425	19.63			
			SWT15BG2430	19.86			
			SWT15BG2435	20.09			
			SWT15BG2440	20.33			
			SWT15BG2445	20.56			
4	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG2465 (465 Wp)	SWT15BG2450	20.79		120 (Half Cut Cells)	1500
			SWT15BG2455	21.02			
			SWT15BG2460	21.25			
			SWT15BG2465	21.48			
			SWT15BG2470	21.71			
			SWT15BG2475	21.94			
5	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4480 (480 Wp)	SWT15BG4465	19.58		132 (Half Cut Cells)	1500
			SWT15BG4470	19.79			
			SWT15BG4475	20.00			
			SWT15BG4480	20.21			
			SWT15BG4485	20.42			
			SWT15BG4490	20.64			
		SWT15BG4495	20.85				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
6	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG4515 (515 Wp)	SWT15BG4500	21.06		132 (Half Cut Cells)	1500
			SWT15BG4505	21.27			
			SWT15BG4510	21.48			
			SWT15BG4515	21.69			
			SWT15BG4520	21.90			
			SWT15BG4525	22.11			
7	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6525 (525 Wp)	SWT15BG4530	22.32			
			SWT15BG6505	19.55			
			SWT15BG6510	19.74			
			SWT15BG6515	19.94			
			SWT15BG6520	20.13			
			SWT15BG6525	20.32			
8	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG6565 (565 Wp)	SWT15BG6530	20.52			
			SWT15BG6535	20.71			
			SWT15BG6540	20.90			
			SWT15BG6545	21.10			
			SWT15BG6550	21.29			
			SWT15BG6555	21.48			
9	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8570 (570 Wp)	SWT15BG6560	21.68			
			SWT15BG6565	21.87			
			SWT15BG6570	22.07			
			SWT15BG6575	22.26			
			SWT15BG6580	22.45			
			SWT15BG8550	19.68			
10	Bifacial N-Type TOPCon Module (Glass to Glass)	SWT15BG8610 (610 Wp)	SWT15BG8555	19.85			
			SWT15BG8560	20.03			
			SWT15BG8565	20.21			
			SWT15BG8570	20.39			
			SWT15BG8575	20.57			
			SWT15BG8580	20.75			
			SWT15BG8585	20.93			
			SWT15BG8590	21.11			
			SWT15BG8595	21.29			
			SWT15BG8600	21.46			
			SWT15BG8605	21.64			
			SWT15BG8610	21.82			
			SWT15BG8615	22.00			
			SWT15BG8620	22.18			
			SWT15BG8625	22.36			
			SWT15BG8630	22.54			

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 11th November, 2024

To:

M/s Vikram Solar Limited,
Sec-II, Falta Special Economic Zone,
Falta, District: South 24 Parganas, P.S. Ramnagar,
P.O. Falta, S.O. – 743504, West Bengal

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

Sir / Madam,

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, Sec-II, Falta Special Economic Zone, Falta, District: South 24 Parganas, P.S. Ramnagar, P.O. Falta, S.O. – 743504, West Bengal, in respect of 02 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

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

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

Name of Manufacturer	M/s. Vikram Solar Limited
Plant Address	Special Economic Zone, Sector 2, Falta, 24-Parganas (South), P.S.: Ramnagar, P.O: Falta S.O- 743504, West Bengal, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1,151 MW/Year
Applied Capacity	1,500 MW/Year
Application Type	Model Addition

Details of Additional models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (V)
1	N-Type TOPCon Module	HYPER SOL VSMDH.72.590.05 (590 Wp)	HYPER SOL VSMDH.72.570.05	22.07	R-51000566	144 (Half Cut Cells)	1500
			HYPER SOL VSMDH.72.575.05	22.26			
			HYPER SOL VSMDH.72.580.05	22.45			
			HYPER SOL VSMDH.72.585.05	22.65			
			HYPER SOL VSMDH.72.590.05	22.84			
			HYPER SOL VSMDH.72.595.05	23.03			
			HYPER SOL VSMDH.72.600.05	23.23			
			HYPER SOL VSMDH.72.605.05	23.42			
			HYPER SOL VSMDH.72.610.05	23.61			
			2	N-Type TOPCon Module			
HYPER SOL VSMDH.66.525.05	22.11						
HYPER SOL VSMDH.66.530.05	22.32						
HYPER SOL VSMDH.66.535.05	22.53						
HYPER SOL VSMDH.66.540.05	22.74						
HYPER SOL VSMDH.66.545.05	22.95						
HYPER SOL VSMDH.66.550.05	23.16						
HYPER SOL VSMDH.66.555.05	23.37						

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 11th November, 2024

To,

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

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

Sir / Madam,

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

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

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

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

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

Appendix-I

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

Details of Additional Model:

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



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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 02nd December, 2024

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

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

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

Appendix-I

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

Details of Additional models:

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



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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 02nd December, 2024

To,

M/s. Emmvee Photovoltaic Power Pvt. Ltd.

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

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

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

Appendix-I

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

Details of Additional models:

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



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

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

Dated: 02nd December, 2024

To,

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

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

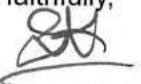
Sir / Madam,

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

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

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

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

Yours faithfully,


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

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

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

Appendix-I

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

Details of Additional Models:

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

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

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,

Lodhi Road, New Delhi – 110003

Dated: 26th December, 2024

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

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

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

Appendix-I

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

Details of Additional Models:

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



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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003
Dated: 26th December, 2024

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

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

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

Appendix-I

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

Details of additional models:

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

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



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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 26th December, 2024

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

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

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

Appendix-I

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

Details of Additional Models:

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

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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 26th December, 2024

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary


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

Appendix-I

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

Details of Additional Models:

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



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

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 26th December, 2024

To,

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

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

Sir / Madam,

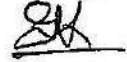
This is in reference to the application received from M/s. Redren Energy Pvt. Ltd. requesting for provisional enlistment of its additional models in ALMM List-I.

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

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

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

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

Appendix-I

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

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS Details	No. of Cells in Module	System Voltage (V)
1	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-156-620 (620 Wp)	RS-M10TC-156-645	23.16	Registration No.: R-72001775	156 (Half Cut Cells)	1500
			RS-M10TC-156-640	22.98			
			RS-M10TC-156-635	22.80			
			RS-M10TC-156-630	22.62			
			RS-M10TC-156-625	22.44			
			RS-M10TC-156-620	22.26			
			RS-M10TC-156-615	22.08			
			RS-M10TC-156-610	21.90			
			RS-M10TC-156-605	21.72			
			RS-M10TC-156-600	21.54			
2	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-156-585 (585 Wp)	RS-M10TC-156-590	21.18		156 (Half Cut Cells)	1500
			RS-M10TC-156-585	21.00			
			RS-M10TC-156-580	20.83			
3	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-590 (590 Wp)	RS-M10TC-144-610	23.61		144 (Half Cut Cells)	1500
			RS-M10TC-144-605	23.42			
			RS-M10TC-144-600	23.23			
			RS-M10TC-144-595	23.03			
			RS-M10TC-144-590	22.84			
			RS-M10TC-144-585	22.65			
			RS-M10TC-144-580	22.45			
			RS-M10TC-144-575	22.26			
			RS-M10TC-144-570	22.07			
4	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-144-560 (560 Wp)	RS-M10TC-144-565	21.87		144 (Half Cut Cells)	1500
			RS-M10TC-144-560	21.68			
			RS-M10TC-144-555	21.48			
			RS-M10TC-144-550	21.29			
5	Bifacial N-Type TOPCon Module (Glass to Glass)	RS-M10TC-132-550 (550 Wp)	RS-M10TC-132-560	23.58		132 (Half Cut Cells)	1500
			RS-M10TC-132-555	23.37			
			RS-M10TC-132-550	23.16			
			RS-M10TC-132-545	22.95			
			RS-M10TC-132-540	22.74			
			RS-M10TC-132-535	22.53			
6			RS-M10TC-132-530	22.32			1500
			RS-M10TC-132-525	22.11			

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

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

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

SK

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

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

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

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

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



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

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

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

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

Appendix-I

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

Details of additional models:

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



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

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

To,

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

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

Sir / Madam,

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

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

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

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

Yours faithfully,



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

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

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

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

Appendix-I

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

Details of additional models:

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

