

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 August, 2024

OFFICE MEMORANDUM

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

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

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

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

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

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I,



whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 08.07.2024.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXVII 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
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Encl: as above

To: All Concerned

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

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 28.08.2024)																	
S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
1	Emmvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalur Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72	19.20	72 (Full Cells)	1500	10.03.2023	09.03.2027				
								E390M72	19.45								
								E395M72	19.70								
					ii	Mono C-Si PERC Modules	E325M60 (325 Wp)	E320M60	19.04	60 (Full Cells)	1500	10.03.2023	09.03.2027				
								E325M60	19.34								
								E330M60	19.64								
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								
								SS555144HCMP	21.51								
								SS520144HCBP	20.16								
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS525144HCBP	20.35	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027				
								SS530144HCBP	20.54								
								SS535144HCBP	20.74								
								SS540144HCBP	20.93								
								SS545144HCBP	21.13								
								SS550144HCBP	21.32								
								SS555144HCBP	21.51								
								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													
			SES24CM144W380	19.30													
iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W385	19.51	144 (Half Cells)	1000	10.03.2023	09.03.2027									
			SGE 190-36M (190 Wp)	SGE 190-36M					19.11	36 (Full Cells)	1000	10.03.2023	09.03.2027				
			SGE 255-48M (255 Wp)	SGE 255-48M					19.37								
SGE 285-54M (285 Wp)	SGE 285-54M	19.49															
iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 310-60M	19.08	54 (Full Cells)	1000	10.03.2023	09.03.2027									
			SGE 315-60M	19.41													
			SGE 370-72M (375 Wp)	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													
			SGE555-156MHC	19.78													
vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE560-156MHC	19.96	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027									
			SGE565-156MHC	20.14													
			SGE570-156MHC	20.32													
			SGE575-156MHC	20.50													
			SGE580-156MHC	20.67													
			SGE585-156MHC	20.85													
			SGE590-156MHC	21.03													
			SGE520-144MHC	20.13					144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE525-144MHC	20.32													
SGE530-144MHC	20.52																
vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE535-144MHC	20.70	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027									
			SGE540-144MHC	20.90													
			SGE545-144MHC	21.10													
			SGE550-144MHC	21.29													
			SGE470-132MHC	19.78					132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE475-132MHC	20.01													
SGE480-132MHC	20.23																
SGE485-132MHC	20.41																
SGE490-132MHC	20.63																
SGE495-132MHC	20.84																
ix	Mono C-Si PERC Modules	SGE440-120MHC, (440 Wp)	SGE500-132MHC	21.05	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027									
			SGE420-120MHC	19.37													
			SGE425-120MHC	19.60													
			SGE430-120MHC	19.83													
			SGE435-120MHC	20.06													
			SGE440-120MHC	20.29													
			SGE445-120MHC	20.52													
			SGE450-120MHC	20.76													
			SGE455-120MHC	20.99													
			SGE380-108MHC	19.44					108 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
SGE385-108MHC	19.69																
SGE390-108MHC	19.95																
SGE395-108MHC	20.20																
SGE400-108MHC	20.46																
SGE395-108MHC, (395 Wp)	SGE395-108MHC	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)
					xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE405-108MHC	20.71	72 (Full Cell)	1500	10.03.2023	09.03.2027
								SGE410-108MHC	20.98				
								SGE 385-72M	19.22				
								SGE 390-72M	19.47				
								SGE 395-72M	19.72				
								SGE 400-72M	19.97				
								SGE525-144MBHC	20.32				
								SGE530-144MBHC	20.52				
								SGE535-144MBHC	20.71				
								SGE540-144MBHC	20.90				
								SGE545-144MBHC	21.10				
								SGE550-144MBHC	21.29				
								NSM370	19.07				
								NSM375	19.33				
NSM380	19.58												
NSM310-60	19.09												
NSM315-60	19.40												
NSM320-60	19.71												
NSM325-60	20.02												
NSM330-60	20.33												
NSM340-66	19.03												
NSM345-66	19.31												
NSM350-66	19.59												
NSM355-66	19.87												
NSM570-156	20.39												
NSM575-156	20.57												
NSM580-156	20.74												
NSM585-156	20.92												
NSM525-144	20.32												
NSM530-144	20.51												
NSM535-144	20.71												
NSM540-144	20.90												
NSM545-144	21.09												
NSM550-144	21.29												
NSM555-144	21.48												
NSM560-144	21.67												
NSM480-132	20.21												
NSM485-132	20.42												
NSM490-132	20.64												
NSM495-132	20.85												
NSM500-132	21.06												
NSM435-120	20.09												
NSM440-120	20.33												
NSM445-120	20.56												
NSM450-120	20.79												
NSM455-120	21.02												
NSM390-108	19.96												
NSM395-108	20.21												
NSM400-108	20.47												
NSM405-108	20.72												
NSM410-108	20.98												
NSM350-96	20.06												
NSM355-96	20.25												
NSM360-96	20.64												
NSM365-96	20.92												
NSM260-72	19.62												
NSM265-72	20.00												
NSM270-72	20.38												
NSM275-72	20.76												
NSM460-156	19.65												
NSM465-156	19.86												
NSM470-156	20.07												
NSM475-156	20.29												
NSM480-156	20.50												
NSM485-156	20.72												
NSM435-144	20.08												
NSM440-144	20.32												
NSM445-144	20.78												
NSM450-144	20.55												
NSM455-144	21.01												
NSM460-144	21.64												
NSM465-144	21.47												
NSM395-132	19.85												
NSM400-132	20.10												
NSM405-132	20.35												
NSM410-132	20.60												
NSM415-132	20.85												
NSM360-120	19.84												
NSM365-120	20.11												
NSM370-120	20.39												
NSM375-120	20.66												

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	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM320-108	19.52	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM325-108	19.82				
								NSM330-108	20.13				
								NSM335-108	20.43				
					xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM340-108	20.74	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM285-96	19.47				
								NSM290-96	19.81				
								NSM295-96	20.15				
					xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	NSM300-96	20.49	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM215-72	19.32				
								NSM220-72	19.77				
								NSM225-72	20.22				
xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	NSM385	19.40	72 (Full Cells)	1500	10.03.2023	09.03.2027					
			NSM390	19.65									
			NSM395	19.90									
			NSM400	20.15									
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									
iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-505M	21.13	144 (Half-Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-510M	21.34									
			JH-515M	21.55									
			JH-520M	21.76									
iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-525M	20.23	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-530M	20.43									
			JH-535M	20.62									
			JH-540M	20.81									
v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JH-545M	21.00	72 (Full Cells)	1500	17.08.2023	16.08.2027					
			JH-550M	21.20									
			JH-555M	21.39									
			JH-580M	20.67									
vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JH-585M	20.85	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-590M	21.03									
			JH-595M	21.21									
			JH-600M	21.38									
vii	Mono c-Si Bifacial PERC Module	JH-400BB	JP-H385M	19.27	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JP-H390M	19.62									
			JP-H395M	19.87									
			JP-H400M	20.12									
viii	Mono c-Si Bifacial PERC Module	JH-440BB	JP-H405M	20.37	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-380M	19.28									
			JH-385M	19.53									
			JH-390M	19.79									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-395M	20.04	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-400M	20.29									
			JH-405M	20.55									
			JH-410M	20.88									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-415M	21.06	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-380BB	19.48									
			JH-385BB	19.73									
			JH-390BB	19.99									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-395BB	20.25	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-400BB	20.50									
			JH-405BB	20.76									
			JH-410BB	21.01									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-415BB	21.27	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-420BB	19.39									
			JH-425BB	19.62									
			JH-430BB	19.85									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-435BB	20.08	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-440BB	20.31									
			JH-445BB	20.54									
			JH-450BB	20.77									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-455BB	21.00	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-460BB	21.23									
			JH-475BB	20.02									
			JH-480BB	20.23									
	Mono c-Si Bifacial PERC Module	JH-400BB	JH-485BB	20.44	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-490BB	20.65									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ix	Mono c-Si Bifacial PERC Module	JH-490BB	JH-495BB 20.86	20.86	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-500BB 21.07					
								JH-505BB 21.29					
								JH-510BB 21.50					
								JH-515BB 21.71					
								JH-520BB 20.15					
								JH-525BB 20.34					
					x	Mono c-Si Bifacial PERC Module	JH-535BB	JH-530BB 20.53	20.53	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-535BB 20.73					
								JH-540BB 20.92					
								JH-545BB 21.11					
								JH-550BB 21.31					
								JH-555BB 21.50					
								JH-380BT 19.48					
								JH-385BT 19.73					
								JH-390BT 19.99					
					xi	Mono c-Si Bifacial PERC Module	JH-400BT	JH-395BT 20.25	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					
								JH-435BT 20.08					
								JH-440BT 20.31					
								JH-445BT 20.54					
								JH-450BT 20.77					
								JH-455BT 21.00					
								JH-460BT 21.23					
								JH-475BT 20.02					
								JH-480BT 20.23					
								JH-485BT 20.44					
								JH-490BT 20.65					
								JH-495BT 20.86					
								JH-500BT 21.07					
								JH-505BT 21.29					
								JH-510BT 21.50					
								JH-515BT 21.71					
								JH-520BT 20.15					
								JH-525BT 20.34					
								JH-530BT 20.53					
								JH-535BT 20.73					
								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					
								JH-395BW 20.25					
								JH-400BW 20.50					
								JH-405BW 20.76					
								JH-410BW 21.01					
								JH-415BW 21.27					
								JH-420BW 19.39					
								JH-425BW 19.62					
								JH-430BW 19.85					
								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					
								JH-480BW 20.23					
								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					
								JH-530BW 20.53					
								JH-535BW 20.73					
								JH-540BW 20.92					
								JH-545BW 21.11					
								JH-550BW 21.31					
								JH-555BW 21.50					
								JH-400BT 20.50					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xix	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-420BT (420 Wp)	JN-405BT	20.76	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-410BT	21.01				
								JN-415BT	21.27				
								JN-420BT	21.53				
								JN-425BT	21.78				
								JN-430BT	22.04				
								JN-435BT	22.29				
								JN-440BT	22.55				
					xx	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-470BT (470 Wp)	JN-445BT	20.54	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-450BT	20.77				
								JN-455BT	21.00				
								JN-460BT	21.23				
								JN-465BT	21.46				
								JN-470BT	21.70				
								JN-475BT	21.93				
								JN-480BT	22.16				
					xxi	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-520BT (520 Wp)	JN-485BT	22.39	132 (Half Cut cells)	1500	17.08.2023	16.08.2027
								JN-490BT	22.62				
								JN-495BT	22.86				
								JN-500BT	23.07				
								JN-505BT	23.28				
								JN-510BT	23.50				
								JN-515BT	23.71				
								JN-520BT	23.92				
					xxii	N-Type TOPCon Module (Glass to Transparent Backsheet)	JN-570BT (570 Wp)	JN-525BT	22.13	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-530BT	22.34				
								JN-535BT	22.55				
								JN-540BT	22.76				
								JN-545BT	22.97				
								JN-550BT	23.18				
								JN-555BT	23.39				
								JN-560BT	23.60				
					xxiii	N-Type TOPCon Module (Glass to Glass)	JN-420G (420 Wp)	JN-565BT	23.81	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-570BT	24.02				
								JN-575BT	24.23				
								JN-580BT	24.44				
								JN-585BT	24.65				
								JN-590BT	24.86				
								JN-400G	20.50				
								JN-405G	20.76				
					xxiv	N-Type TOPCon Module (Glass to Glass)	JN-470G (470 Wp)	JN-410G	21.01	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JN-415G	21.27				
								JN-420G	21.53				
								JN-425G	21.78				
								JN-430G	22.04				
								JN-435G	22.29				
								JN-445G	20.54				
								JN-450G	20.77				
xxv	N-Type TOPCon Module (Glass to Glass)	JN-520G (520 Wp)	JN-455G	21.00	132 (Half Cut cells)	1500	17.08.2023	16.08.2027					
			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									
xxvi	N-Type TOPCon Module (Glass to Glass)	JN-570G (570 Wp)	JN-505G	21.28	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JN-510G	21.50									
			JN-515G	21.71									
			JN-520G	21.92									
			JN-525G	22.13									
			JN-530G	22.34									
			JN-545G	21.12									
			JN-550G	21.31									
7	Insolation Energy Pvt. Ltd	Khasra No 766/2, Villi-Bagwara, Teh-Amer Jaipur, Rajasthan	R-84002330	174	i	Mono c-Si PERC Module	INA72MP375	INA72MP375	19.23	72 (Full Cells)	1500	29.09.2023	28.09.2027
								INA72MP395	19.80				
								INA72MP390	19.55				
								INA72MP385	19.30				
					ii	Mono c-Si PERC Module	INA72MP385	INA72MP380	19.05	72 (Full Cells)	1500	29.09.2023	28.09.2027
								INA72MP385	19.30				
								INA72MP390	19.55				
								INA72MP395	19.80				
8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	710	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) (565Wp-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				
								G2XBifacial1766-HAE	21.10				
								G2XBifacial1772-HAE	21.28				
								G2XBifacial1778-HAE	21.46				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2XBifacial1767-HAE	21.10				
								G2XBifacial1773-HAE	21.28				
								G2XBifacial1663-HAD	19.74				
								G2XBifacial1669-HAD	19.94				
								G2XBifacial1676-HAD	20.13				
					ii	Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)	G2XBifacial1682-HAD	20.32	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1689-HAD	20.52				
								G2XBifacial1695-HAD	20.71				
								G2XBifacial1702-HAD	20.90				
								G2XBifacial1708-HAD	21.10				
								G2XBifacial1715-HAD	21.29				
								G2XBifacial1656-HAB	21.13				
								G2XBifacial1650-HAB	20.92				
					iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)	G2XBifacial1643-HAB	20.71	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1637-HAB	20.50				
								G2XBifacial1630-HAB	20.29				
								G2XBifacial1598-HAA	21.09				
								G2XBifacial1591-HAA	20.87				
								G2XBifacial1585-HAA	20.64				
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1578-HAA	20.41	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1573-HAA	20.18				
								G2XBifacial1539-HAY	21.06				
								G2XBifacial1533-HAY	20.80				
								G2XBifacial1526-HAY	20.55				
								G2XBifacial1520-HAY	20.30				
								G2XBifacial1507-HAY	19.79				
								G2XBifacial1474-HAX	20.71				
								G2XBifacial1468-HAX	20.43				
					vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)	G2XBifacial1461-HAX	20.14	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1455-HAX	19.86				
								G2X565-HAE	20.20				
								G2X570-HAE	20.38				
								G2X575-HAE	20.56				
								G2X580-HAE	20.74				
								G2X585-HAE	20.92				
								G2X590-HAE	21.10				
								G2X595-HAE	21.28				
								G2X510-HAD	19.74				
								G2X515-HAD	19.94				
								G2X520-HAD	20.13				
								G2X525-HAD	20.32				
								G2X530-HAD	20.52				
								G2X535-HAD	20.71				
								G2X540-HAD	20.90				
								G2X545-HAD	21.10				
								G2X550-HAD	21.29				
								G2X505-HAB	21.13				
								G2X500-HAB	20.92				
								G2X495-HAB	20.71				
								G2X490-HAB	20.50				
								G2X485-HAB	20.29				
								G2X460-HAA	21.09				
								G2X455-HAA	20.87				
								G2X450-HAA	20.64				
								G2X445-HAA	20.41				
								G2X440-HAA	20.18				
								G2X415-HAY	21.06				
								G2X410-HAY	20.80				
								G2X405-HAY	20.55				
								G2X400-HAY	20.30				
								G2X390-HAY	19.79				
								G2X365-HAX	20.71				
								G2X360-HAX	20.43				
								G2X355-HAX	20.14				
								G2X350-HAX	19.86				
								GS-410-AAA	19.03				
								GS-415-AAA	19.26				
								GS-420-AAA	19.49				
								GS-425-AAA	19.72				
								GS-430-AAA	19.95				
								GS-380-AAB	19.13				
								GS-385-AAB	19.39				
								GS-390-AAB	19.64				
								GS-395-AAB	19.89				
								GS-400-AAB	20.14				
								GS-405-AAB	20.39				
								GS-410-AAB	20.64				
								GS-415-AAB	20.90				
								GS-420-AAB	21.15				
					xiv	Mono c-Si PERC Modules	GS-400-AAB (400 Wp)			72 (Full Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xv	Mono c-Si PERC Modules	GS-360-AAC (360 Wp)	GS-350-AAC 19.13 GS-355-AAC 19.40 GS-360-AAC 19.67 GS-365-AAC 19.95		66 (Full Cells)	1500	29.09.2023	28.09.2027
					xvi	Mono c-Si PERC Modules	GS-330-AAD (330 Wp)	GS-320-AAD 19.16 GS-325-AAD 19.46 GS-330-AAD 19.76 GS-335-AAD 20.06		60 (Full Cells)	1500	29.09.2023	28.09.2027
					xvii	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-290-AAE 19.21 GS-295-AAE 19.54 GS-300-AAE 19.87		54 (Full Cells)	1500	29.09.2023	28.09.2027
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-260-AAF 19.26 GS-265-AAF 19.63		48 (Full Cells)	1500	29.09.2023	28.09.2027
					xix	Mono c-Si PERC Modules	GS-230-AAG (230 Wp)	GS-230-AAG 19.33		42 (Full Cells)	1500	29.09.2023	28.09.2027
					xx	Mono c-Si PERC Modules	GS-200-AAH (200 Wp)	GS-195-AAH 19.26 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 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		36 (Full Cells)	1500	29.09.2023	28.09.2027
					xxi	N-Type TOPCon Module	G2X575-HAD (575Wp) (551Wp-590Wp)	G2X575-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		144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxii	N-Type TOPCon Module	G2X480-HAA (480 Wp) (461Wp-495Wp)	G2X480-HAA 22.01 G2X1437-UHAA 21.97 G2X478-HAA 21.92 G2X477-HAA 21.87 G2X1428T-UHAA 21.83 G2X475-HAA 21.78		120 (Half Cut Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								G2X1422-UHAA	21.74				
								G2X473-HAA	21.69				
								G2X472-HAA	21.64				
								G2X1413T-UHAA	21.60				
								G2X470-HAA	21.55				
								G2X1407-UHAA	21.51				
								G2X468-HAA	21.46				
								G2X467-HAA	21.42				
								G2X1398T-UHAA	21.37				
								G2X465-HAA	21.32				
								G2X1392-UHAA	21.28				
								G2X463-HAA	21.23				
								G2X462-HAA	21.19				
								G2X1383T-UHAA	21.14				
								G2X450-HAY	22.83				
								G2X1347-UHAY	22.78				
								G2X448-HAY	22.73				
								G2X447-HAY	22.68				
								G2X1338T-UHAY	22.63				
								G2X445-HAY	22.58				
								G2X1332-UHAY	22.53				
								G2X443-HAY	22.48				
								G2X442-HAY	22.43				
								G2X1323T-UHAY	22.38				
								G2X440-HAY	22.32				
								G2X1317-UHAY	22.27				
								G2X438-HAY	22.22				
								G2X437-HAY	22.17				
								G2X1308T-UHAY	22.12				
								G2X435-HAY	22.07				
								G2X1302-UHAY	22.02				
					xxiii	N-Type TOPCon Module	G2X430-HAY (430 Wp) (416Wp-450Wp)	G2X433-HAY	21.97	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X432-HAY	21.92				
								G2X1293T-UHAY	21.87				
								G2X430-HAY	21.82				
								G2X1287-UHAY	21.77				
								G2X428-HAY	21.72				
								G2X427-HAY	21.67				
								G2X1278T-UHAY	21.61				
								G2X425-HAY	21.56				
								G2X1272-UHAY	21.51				
								G2X423-HAY	21.46				
								G2X422-HAY	21.41				
								G2X1263T-UHAY	21.36				
								G2X420-HAY	21.31				
								G2X1257-UHAY	21.26				
								G2X418-HAY	21.21				
								G2X417-HAY	21.16				
								G2X1248T-UHAY	21.11				
								G2G1770-HAD	22.82				
								G2G1767-UHAD	22.78				
								G2G1764N-UHAD	22.74				
								G2G1761B-UHAD	22.70				
								G2G1758NB-UHAD	22.66				
								G2G1755-HAD	22.63				
								G2G1752-UHAD	22.59				
								G2G1749N-UHAD	22.55				
								G2G1746B-UHAD	22.51				
								G2G1743NB-UHAD	22.47				
								G2G1740-HAD	22.43				
								G2G1737-UHAD	22.39				
								G2G1734N-UHAD	22.36				
								G2G1731B-UHAD	22.32				
								G2G1728NB-UHAD	22.28				
								G2G1725-HAD	22.24				
								G2G1722-UHAD	22.20				
								G2G1719N-UHAD	22.16				
								G2G1716B-UHAD	22.12				
								G2G1713NB-UHAD	22.08				
								G2G1710-HAD	22.05				
								G2G1707-UHAD	22.01				
								G2G1704N-UHAD	21.97				
								G2G1701B-UHAD	21.93				
								G2G1635-HAB	22.80				
								G2G1632-UHAB	22.76				
								G2G1629N-UHAB	22.72				
								G2G1626B-UHAB	22.67				
								G2G1623NB-UHAB	22.63				
								G2G1620-HAB	22.59				
								G2G1617-UHAB	22.55				
								G2G1614N-UHAB	22.51				
								G2G1611B-UHAB	22.46				
								G2G1608-HAB	22.42				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvii	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1422-UHAA (474Wp) (451Wp - 495Wp)	G2G1431B-UHAA 21.87 G2G1428NB-UHAA 21.83 G2G1425-HAA 21.78 G2G1422-UHAA 21.74 G2G1419N-UHAA 21.69 G2G1416B-UHAA 21.64 G2G1413NB-UHAA 21.60 G2G1410-HAA 21.55 G2G1407-UHAA 21.51 G2G1404N-UHAA 21.46 G2G1401B-UHAA 21.42 G2G1398NB-UHAA 21.37 G2G1395-HAA 21.32 G2G1392-UHAA 21.28 G2G1389N-UHAA 21.23 G2G1386B-UHAA 21.19 G2G1383NB-UHAA 21.14 G2G1380-HAA 21.09 G2G1377-UHAA 21.05 G2G1374N-UHAA 21.00 G2G1371B-UHAA 20.96 G2G1368NB-UHAA 20.91 G2G1365-HAA 20.87 G2G1362-UHAA 20.82 G2G1359N-UHAA 20.77 G2G1356B-UHAA 20.73 G2G1353NB-UHAA 20.68 G2G1350-HAA 20.64 G2G1347-UHAA 20.59 G2G1344N-UHAA 20.54 G2G1341B-UHAA 20.50 G2G1338NB-UHAA 20.45 G2G1335-HAA 20.41 G2G1332-UHAA 20.36 G2G1329N-UHAA 20.31 G2G1326B-UHAA 20.27 G2G1323NB-UHAA 20.22 G2G1320-HAA 20.18	21.87 21.83 21.78 21.74 21.69 21.64 21.60 21.55 21.51 21.46 21.42 21.37 21.32 21.28 21.23 21.19 21.14 21.09 21.05 21.00 20.96 20.91 20.87 20.82 20.77 20.73 20.68 20.64 20.59 20.54 20.50 20.45 20.41 20.36 20.31 20.27 20.22 20.18	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 20.59 20.54 20.50 20.45 20.41 20.36 20.31 20.27 20.22 20.18	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxx	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 G2G1245-HAY 21.06 G2G1240-HAY 20.80 G2G1215-HAY 20.55 G2G1200-HAY 20.30 G2G1185-HAY 20.04 G2G1170-HAY 19.79	22.83 22.78 22.73 22.68 22.63 22.58 22.53 22.48 22.43 22.38 22.32 22.27 22.22 22.17 22.12 22.07 22.02 21.97 21.92 21.87 21.82 21.77 21.72 21.67 21.61 21.56 21.51 21.46 21.41 21.36 21.31 21.26 21.21 21.16 21.11 21.06 20.80 20.55 20.30 20.04 19.79	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxx	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1185-HAY (395Wp) (380Wp - 405Wp)	G2G1200-HAY 22.70 G2G1197-UHAX 22.64 G2G1194N-UHAX 22.58	22.70 22.64 22.58	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)
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1155-HAX (385Wp) (371Wp - 400Wp)	G2G1191B-UHAX G2G1188NB-UHAX G2G1185-HAX G2G1182-UHAX G2G1179N-UHAX G2G1176B-UHAX G2G1173NB-UHAX G2G1170-HAX G2G1167-UHAX G2G1164N-UHAX G2G1161B-UHAX G2G1158NB-UHAX G2G1155-HAX G2G1152-UHAX G2G1149N-UHAX G2G1146B-UHAX G2G1143NB-UHAX G2G1140-HAX G2G1125-HAX G2G1122-UHAX G2G1119N-UHAX G2G1116B-UHAX G2G1113NB-UHAX	22.53 22.47 22.41 22.36 22.30 22.24 22.19 22.13 22.07 22.02 21.96 21.90 21.85 21.79 21.73 21.68 21.62 21.56 21.28 21.22 21.17 21.11 21.05	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1065-HAX (355Wp) (340Wp - 370Wp)	G2G1110-HAX G2G1107-UHAX G2G1104N-UHAX G2G1101B-UHAX G2G1098NB-UHAX G2G1095-HAX G2G1092-UHAX G2G1089N-UHAX G2G1086B-UHAX G2G1083NB-UHAX G2G1080-HAX G2G1077-UHAX G2G1074N-UHAX G2G1071B-UHAX G2G1068NB-UHAX G2G1065-HAX G2G1062-UHAX G2G1059N-UHAX G2G1056B-UHAX G2G1053NB-UHAX G2G1050-HAX G2G1035-HAX G2G1020-HAX G2G1050-HAC G2G1047-UHAC G2G1044N-UHAC G2G1041B-UHAC G2G1038NB-UHAC G2G1035-HAC G2G1032-UHAC G2G1029N-UHAC G2G1026B-UHAC G2G1023NB-UHAC G2G1020-HAC G2G1017-UHAC G2G1014N-UHAC G2G1011B-UHAC G2G1008NB-UHAC G2G1005-HAC G2G1002-UHAC G2G999N-UHAC G2G996B-UHAC G2G993NB-UHAC G2G990-HAC G2G987-UHAC G2G984N-UHAC G2G981B-UHAC G2G978NB-UHAC G2G975-HAC G2G972-UHAC G2G969N-UHAC G2G966B-UHAC G2G963NB-UHAC G2G960-HAC G2G957-UHAC G2G954N-UHAC G2G951B-UHAC G2G948NB-UHAC G2G945-HAC	21.00 20.94 20.88 20.83 20.77 20.71 20.66 20.60 20.54 20.49 20.43 20.37 20.32 20.26 20.20 20.14 20.09 20.03 19.97 19.92 19.86 19.80 19.74 22.53 22.46 22.40 22.34 22.27 22.21 22.14 22.08 22.01 21.95 21.88 21.82 21.76 21.69 21.63 21.56 21.50 21.43 21.37 21.31 21.24 21.18 21.11 21.05 20.98 20.92 20.86 20.79 20.73 20.66 20.60 20.53 20.47 20.40 20.34 20.28	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G1005-HAC (335Wp) (321Wp - 350Wp)	G2G1050-HAC G2G1047-UHAC G2G1044N-UHAC G2G1041B-UHAC G2G1038NB-UHAC G2G1035-HAC G2G1032-UHAC G2G1029N-UHAC G2G1026B-UHAC G2G1023NB-UHAC G2G1020-HAC G2G1017-UHAC G2G1014N-UHAC G2G1011B-UHAC G2G1008NB-UHAC G2G1005-HAC G2G1002-UHAC G2G999N-UHAC G2G996B-UHAC G2G993NB-UHAC G2G990-HAC G2G987-UHAC G2G984N-UHAC G2G981B-UHAC G2G978NB-UHAC G2G975-HAC G2G972-UHAC G2G969N-UHAC G2G966B-UHAC G2G963NB-UHAC G2G960-HAC G2G957-UHAC G2G954N-UHAC G2G951B-UHAC G2G948NB-UHAC G2G945-HAC	22.53 22.46 22.40 22.34 22.27 22.21 22.14 22.08 22.01 21.95 21.88 21.82 21.76 21.69 21.63 21.56 21.50 21.43 21.37 21.31 21.24 21.18 21.11 21.05 20.98 20.92 20.86 20.79 20.73 20.66 20.60 20.53 20.47 20.40 20.34 20.28	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)
					xxxiv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G930-HAC (310Wp)	G2G942-UHAC G2G939N-UHAC G2G936B-UHAC G2G933NB-UHAC G2G930-HAC G2G915-HAC G2G912-UHAC G2G909N-UHAC G2G906B-UHAC G2G903NB-UHAC G2G900-HAC	20.21 20.15 20.08 20.02 19.95 19.63 19.57 19.50 19.44 19.37 19.31	84 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxv	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G885-HAF (295Wp)	G2G897-UHAF G2G894N-UHAF G2G891B-UHAF G2G888NB-UHAF G2G885-HAF G2G882-UHAF G2G879N-UHAF G2G876B-UHAF G2G873NB-UHAF G2G870-HAF G2G867-UHAF G2G864N-UHAF G2G861B-UHAF G2G858NB-UHAF G2G855-HAF G2G852-UHAF G2G849N-UHAF G2G846B-UHAF G2G843NB-UHAF G2G840-HAF	22.68 22.60 22.53 22.45 22.38 22.31 22.23 22.16 22.08 22.01 21.93 21.86 21.79 21.71 21.64 21.56 21.49 21.41 21.34 21.27 21.19 21.12 21.04 20.97 20.89 20.82	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxvi	Bifacial N-Type TOPCon Module (Glass to Glass)	G2G810-HAF (270Wp)	G2G825-HAF G2G810-HAF G2G795-HAF G2G780-HAF	20.45 20.08 19.70 19.33	72 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxvii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1740N-UHAD (580Wp)	G2X1770N-UHAD G2X1767N-UHAD G2X1764N-UHAD G2X1761N-UHAD G2X1758N-UHAD G2X1755N-UHAD G2X1752N-UHAD G2X1749N-UHAD G2X1746N-UHAD G2X1743N-UHAD G2X1740N-UHAD G2X1737N-UHAD G2X1734N-UHAD G2X1731N-UHAD G2X1728N-UHAD G2X1725N-UHAD G2X1722N-UHAD G2X1719N-UHAD G2X1716N-UHAD G2X1713N-UHAD G2X1710N-UHAD G2X1707N-UHAD G2X1704N-UHAD G2X1701N-UHAD G2X1650N-UHAB G2X1647N-UHAB G2X1644N-UHAB G2X1641N-UHAB G2X1638N-UHAB G2X1635N-UHAB G2X1632N-UHAB G2X1629N-UHAB G2X1626N-UHAB G2X1623N-UHAB G2X1620N-UHAB G2X1617N-UHAB G2X1614N-UHAB G2X1611N-UHAB G2X1608N-UHAB G2X1605N-UHAB G2X1590N-UHAB	22.82 22.78 22.74 22.70 22.66 22.63 22.59 22.55 22.51 22.47 22.43 22.39 22.35 22.32 22.28 22.24 22.20 22.16 22.12 22.08 22.04 22.01 21.97 21.93 23.01 22.97 22.92 22.88 22.84 22.80 22.76 22.71 22.67 22.63 22.59 22.55 22.51 22.46 22.42 22.38 22.17	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xxxviii	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1590N-UHAB (530Wp)	G2X1590N-UHAB	22.17	132 (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)
					xxxix	Bifacial N-Type TOPCon Module (Glass to Transparent Backsheet)	G2X1455N-UHAA (485Wp) (470Wp - 500Wp)	G2X1575N-UHAB	21.96	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2X1560N-UHAB	21.75				
								G2X1545N-UHAB	21.54				
								G2X1530N-UHAB	21.33				
								G2X1515N-UHAB	21.12				
								G2X1500N-UHAA	22.93				
								G2X1497N-UHAA	22.88				
								G2X1494N-UHAA	22.84				
								G2X1491N-UHAA	22.79				
								G2X1488N-UHAA	22.74				
								G2X1485N-UHAA	22.70				
								G2X1482N-UHAA	22.65				
								G2X1479N-UHAA	22.61				
								G2X1476N-UHAA	22.56				
								G2X1473N-UHAA	22.51				
								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				
					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							
					G2X1200N-UHAX	22.70							
					G2X1185N-UHAX	22.41							
					G2X1170N-UHAX	22.13							
					G2X1155N-UHAX	21.85							
					G2X1140N-UHAX	21.56							
					G2X1095N-UHAC	22.53							
					G2X1035N-UHAC	22.21							
					G2X1020N-UHAC	21.88							
					G2X1005N-UHAC	21.56							
					G2X915N-UHAF	22.68							
G2X900N-UHAF	22.31												
G2X885N-UHAF	21.93												
G2X870N-UHAF	21.56												
G2X855N-UHAF	21.19												
9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	261	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA255MP48	19.2				
					ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA260MP48	19.6	48 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA315MP60	19.2				
					iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA320MP60	19.5	60 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA325MP60	19.8				
					iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA330MP60	20.1	66 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA340MP66	19				
					v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA345MP66	19.3	54 (Full Cell)	1500	10.11.2023	09.11.2027
								NOVA350MP66	19.6				
					vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA355MP66	19.9	72 (Full Cells)	1500	10.11.2023	09.11.2027
								NOVA360MP66	20.1				
					vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA285MP54	19.2	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA290MP54	19.5				
					viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA295MP54	19.9	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA380MP72	19.14				
								NOVA385MP72	19.4				
								NOVA390MP72	19.65				
								NOVA395MP72	19.9				
								NOVA380MP144	19				
								NOVA385MP144	19.3				
								NOVA390MP144	19.5				
								NOVA395MP144	19.8				
								NOVA335MP96	19.06				
								NOVA340MP96	19.35				
								NOVA345MP96	19.63				
								NOVA350MP96	19.92				

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)
					ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA355MP96	20.21	72 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA360MP96	20.5				
								NOVA365MP96	20.78				
								NOVA255MP72	19.06				
								NOVA260MP72	19.45				
								NOVA265MP72	19.81				
								NOVA270MP72	20.19				
					x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA275MP72	20.57	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA375MP108	19.11				
								NOVA380MP108	19.37				
								NOVA385MP108	19.63				
								NOVA390MP108	19.88				
								NOVA395MP108	20.14				
								NOVA400MP108	20.4				
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA405MP108	20.66	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA410MP108	20.91				
								NOVA415MP108	21.17				
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA415MP120	19.11	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								NOVA420MP120	19.34				
								NOVA425MP120	19.57				
								NOVA430MP120	19.8				
NOVA435MP120	20.03												
NOVA440MP120	20.26												
NOVA445MP120	20.49												
xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA450MP120	20.72	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA455MP120	20.95									
			NOVA460MP 120	21.18									
xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA455MP132	19.2	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA460MP132	19.41									
			NOVA465MP132	19.62									
			NOVA470MP132	19.83									
			NOVA475MP132	20.04									
			NOVA480MP132	20.25									
			NOVA485MP132	20.46									
xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA490MP132	20.67	132 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA495MP132	20.89									
			NOVA500MP132	21.1									
xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA505MP132	21.31	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA495MP144	19.16									
			NOVA500MP144	19.35									
			NOVA505MP144	19.54									
			NOVA510MP144	19.74									
			NOVA515MP144	19.94									
			NOVA520MP144	20.13									
xvii	Mono c-Si PERC Modules	NOVA550MP144 (550Wp)	NOVA525MP144	20.31	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			NOVA530MP144	20.51									
			NOVA535MP144	20.7									
			NOVA540MP144	20.89									
			NOVA545MP144	21.09									
10	M/s. Pahal Solar	189, Block No.-71, Olpad Sayan Road, Atodara, Olpad Surat-394540, Gujarat	R-72001848	282	i	Mono c-Si PERC Modules	PS_540 (540Wp)	NOVA550MP144	21.28	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PS_550	21.29				
								PS_545	21.09				
								PS_540	20.9				
								PS_535	20.71				
								PS_530	20.51				
								PS_525	20.32				
					ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_500	19.35	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								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				
					iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_415	19	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_380	19.53				
					v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_375	19.28	132 (Half Cut Cell)	1500	10.11.2023	09.11.2027
								PS_370	19.02				
								PSN_150	19.90				
					vi	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PSN_155	20.56	40 (Half Cut Cells)	1500	10.11.2023	09.11.2027
								PSN_160	21.22				
								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									

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 N-type TOPCon Modules	PSN_255 (255Wp)	PSN_245	20.79	64 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_250				21.22					
				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					
				PSN_290				21.89					
					x	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_295	20.18	80 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_300				20.52					
				PSN_305				20.86					
				PSN_310				21.21					
				PSN_315				21.55					
					xi	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_320	20.87	84 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_325				21.19					
				PSN_330				21.52					
				PSN_335				21.85					
				PSN_340				22.17					
					xii	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_345	22.50	96 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_350				20.06					
				PSN_355				20.35					
				PSN_360				20.64					
				PSN_365				20.92					
					xiii	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	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					
				PSN_390				22.36					
					xiv	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_400	20.48	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_405				20.74					
				PSN_410				20.99					
				PSN_415				21.25					
				PSN_420				21.50					
					xv	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_425	21.76	108 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_430				22.02					
				PSN_435				22.27					
				PSN_440				22.53					
				PSN_445				22.78					
					xvi	Bifacial N-type TOPCon Modules	PSN_480 (480Wp)	PSN_450	23.04	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_460				21.26					
				PSN_465				21.49					
				PSN_470				21.72					
				PSN_475				21.95					
					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					
					xviii	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_505	21.28	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_510				21.49					
				PSN_515				21.70					
				PSN_520				21.91					
				PSN_525				22.13					
					xix	Bifacial N-type TOPCon	PSN_610	PSN_530	22.34	156 (Half Cut Cells)	1500	10.11.2023	09.11.2027
				PSN_535				20.71					
				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					
				PSN_590				21.09					
				PSN_595				21.27					
				PSN_600				21.45					
								PSN_605	21.63				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Modules	(610Wp)	PSN_610 PSN_615 PSN_620 PSN_625 PSN_630	21.81 21.99 22.17 22.34 22.52				
11	M/s Pixon Green Energy Pvt. Ltd.	R.S. No. 157/1, 158/1, 158/2, 165/1, 166 of Khijadiya Nana, R.S. No. 15/1 of Depaliya, Padadhari, Rajkot Gujarat-360110	R-72004570	745	i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	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				
ii	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MPH 132 650	20.72	132 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MPH 132 655	20.88									
			PIX MPH 132 660	21.04									
			PIX MBHTB 132 625	19.93									
			PIX MBHTB 132 630	20.09									
			PIX MBHTB 132 635	20.25									
			PIX MBHTB 132 640	20.41									
			PIX MBHTB 132 645	20.57									
			PIX MBHTB 132 650	20.72									
			PIX MBHTB 132 655	20.88									
iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MBHTB 132 660	21.04	132 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MPH 120 570	19.94									
			PIX MPH 120 575	20.11									
			PIX MPH 120 580	20.29									
			PIX MPH 120 585	20.46									
			PIX MPH 120 590	20.64									
			PIX MPH 120 595	20.81									
			PIX MPH 120 600	20.99									
			PIX MBHTB 120 570	19.94									
			PIX MBHTB 120 575	20.11									
iv	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MBHTB 120 580	20.29	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027					
			PIX MBHTB 120 585	20.46									
			PIX MBHTB 120 590	20.64									
			PIX MBHTB 120 595	20.81									
			PIX MBHTB 120 600	20.99									
			PIX MPH 108 510	19.76									
			PIX MPH 108 515	19.95									
			PIX MPH 108 520	20.14									
			PIX MPH 108 525	20.34									
			PIX MPH 108 530	20.53									
v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MPH 108 535	20.73	108 (half cut cell)	1500	10.11.2023	09.11.2027					
			PIX MPH 108 540	20.92									
			PIX MPHTB 108 510	19.76									
			PIX MPHTB 108 515	19.95									
			PIX MPHTB 108 520	20.14									
			PIX MPHTB 108 525	20.34									
			PIX MPHTB 108 530	20.53									
			PIX MPHTB 108 535	20.73									
			PIX MPHTB 108 540	20.92									
			PIX MPH 156 560	20.00									
vi	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 156 565	20.18	156 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MPH 156 570	20.36									
			PIX MPH 156 575	20.54									
			PIX MPH 156 580	20.71									
			PIX MPH 156 585	20.89									
			PIX MPH 156 590	21.07									
			PIX MPH 156 595	21.25									
			PIX MBHTB 156 560	20.00									
			PIX MBHTB 156 565	20.18									
			PIX MBHTB 156 570	20.36									
vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MBHTB 156 575	20.54	156 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MBHTB 156 580	20.71									
			PIX MBHTB 156 585	20.89									
			PIX MBHTB 156 590	21.07									
			PIX MBHTB 156 595	21.25									
			PIX MPH 144 510	19.74									
			PIX MPH 144 515	19.94									
			PIX MPH 144 520	20.13									
			PIX MPH 144 525	20.32									
			PIX MPH 144 530	20.52									
viii	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 144 535	20.71	144 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MPH 144 540	20.90									
			PIX MPH 144 545	21.09									
			PIX MPH 144 510	19.74									
			PIX MPH 144 515	19.94									
			PIX MPH 144 520	20.13									
			PIX MPH 144 525	20.32									
			PIX MPH 144 530	20.52									
			PIX MPH 144 535	20.71									
			PIX MPH 144 540	20.90									
ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MPH 144 545	21.25	144 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MPH 144 550	21.44									
			PIX MPH 144 510	19.74									
			PIX MPH 144 515	19.94									
			PIX MPH 144 520	20.13									
			PIX MPH 144 525	20.32									
			PIX MPH 144 530	20.52									
			PIX MPH 144 535	20.71									
			PIX MPH 144 540	20.90									
			PIX MPH 144 545	21.09									
x	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 550	21.25	144 (Half cut cells)	1500	10.11.2023	09.11.2027					
			PIX MPH 144 555	21.44									
			PIX MPH 144 510	19.74									
			PIX MPH 144 515	19.94									
			PIX MPH 144 520	20.13									
			PIX MPH 144 525	20.32									
			PIX MPH 144 530	20.52									
			PIX MPH 144 535	20.71									
			PIX MPH 144 540	20.90									
			PIX MPH 144 545	21.09									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xii	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 525 PIX MPH 144 530 PIX MPH 144 535 PIX MPH 144 540 PIX MPH 144 545	20.32 20.52 20.71 20.90 21.09	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xiii	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
					xiv	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
					xv	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
					xvi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 156 575 (575 Wp)	PIX MBHDTB 156 560 PIX MBHDTB 156 565 PIX MBHDTB 156 570 PIX MBHDTB 156 575 PIX MBHDTB 156 580 PIX MBHDTB 156 585 PIX MBHDTB 156 590 PIX MBHDTB 156 595	20.00 20.18 20.36 20.54 20.72 20.89 21.07 21.25	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					xvii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 144 525 (525 Wp)	PIX MBHDTB 144 510 PIX MBHDTB 144 515 PIX MBHDTB 144 520 PIX MBHDTB 144 525 PIX MBHDTB 144 530 PIX MBHDTB 144 535 PIX MBHDTB 144 540 PIX MBHDTB 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10	144 (Half cut cells)	1500	10.11.2023	09.11.2027
					xviii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 132 485 (485 Wp)	PIX MBHDTB 132 470 PIX MBHDTB 132 475 PIX MBHDTB 132 480 PIX MBHDTB 132 485 PIX MBHDTB 132 490 PIX MBHDTB 132 495 PIX MBHDTB 132 500	19.96 20.17 20.38 20.59 20.80 21.01	132 (Half cut cells)	1500	10.11.2023	09.11.2027
					xix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 120 440 (440 Wp)	PIX MBHDTB 120 420 PIX MBHDTB 120 425 PIX MBHDTB 120 430 PIX MBHDTB 120 435 PIX MBHDTB 120 440 PIX MBHDTB 120 445 PIX MBHDTB 120 450 PIX MBHDTB 120 455	19.35 19.58 19.81 20.04 20.27 20.50 20.73 20.96	120 (Half cut cells)	1500	10.11.2023	09.11.2027
					xx	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHDTB 108 395 (395 Wp)	PIX MBHDTB 108 375 PIX MBHDTB 108 380 PIX MBHDTB 108 385 PIX MBHDTB 108 390 PIX MBHDTB 108 395 PIX MBHDTB 108 400 PIX MBHDTB 108 405 PIX MBHDTB 108 410	19.10 19.36 19.61 19.87 20.12 20.38 20.63 20.89	108 (Half cut cells)	1500	10.11.2023	09.11.2027
					xxi	Mono c-Si PERC Module	PIX MPH 156 575 (575 Wp)	PIX MPH 156 560 PIX MPH 156 565 PIX MPH 156 570 PIX MPH 156 575 PIX MPH 156 580 PIX MPH 156 585 PIX MPH 156 590 PIX MPH 156 595	20.00 20.18 20.36 20.54 20.72 20.89 21.07 21.25	156 (Half cut cells)	1500	10.11.2023	09.11.2027
					xxii	Mono c-Si PERC Module	PIX MPH 144 530 (530 Wp)	PIX MPH 144 510 PIX MPH 144 515 PIX MPH 144 520 PIX MPH 144 525 PIX MPH 144 530 PIX MPH 144 535 PIX MPH 144 540 PIX MPH 144 545	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10	144 (Half cut cells)	1500	10.11.2023	09.11.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity							
												From	To (subject to valid BIS Registration; else deemed to be delisted)						
					xxii	Mono c-Si PERC Module	PIX MPH132 490 (490 Wp)	PIX MPH132 470	19.75	132 (Half cut cells)	1500	10.11.2023	09.11.2027						
								PIX MPH132 475	19.96										
								PIX MPH132 480	20.17										
								PIX MPH132 485	20.38										
								PIX MPH132 490	20.59										
								PIX MPH132 495	20.80										
					xxiii	Mono c-Si PERC Module	PIX MPH120 440 (440 Wp)	PIX MPH132 500	21.01	120 (Half cut cells)	1500	10.11.2023	09.11.2027						
								PIX MPH120 420	19.35										
								PIX MPH120 425	19.58										
								PIX MPH120 430	19.81										
								PIX MPH120 435	20.04										
								PIX MPH120 440	20.27										
					xxiv	Mono c-Si PERC Module	PIX MPH108 395 (395 Wp)	PIX MPH120 445	20.50	108 (Half cut cells)	1500	10.11.2023	09.11.2027						
								PIX MPH120 450	20.73										
								PIX MPH120 455	20.96										
								PIX MPH108 375	19.10										
								PIX MPH108 380	19.36										
								PIX MPH108 385	19.61										
								PIX MPH108 390	19.87										
								PIX MPH108 395	20.12										
					12	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	R-93007480	248	i	MONO C-Si PERC Modules.	ALP380WM, (380Wp-385Wp)	ALP380WM (380 Wp)	19.38	72 (Full Cells)	1500	10.11.2023	09.11.2027	
													ALP385WM (385 Wp)	19.64					
					13	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Siperambudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	R-61002070	1099	i	Mono c-Si PERC Modules	SOMERA VSMH.72.550.05 (550 Wp)	SOMERA VSMH.72.555.05	21.52	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
													SOMERA VSMH.72.550.05	21.33					
													SOMERA VSMH.72.545.05	21.13					
										ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.72.540.05	20.94	120 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
													SOMERA VSMH.60.460.05	21.28					
													SOMERA VSMH.60.455.05	21.05					
										iii	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.72.545.05 (545 Wp)	SOMERA VSMH.60.445.05	20.82	144 (Half Cut Cells)	1500	10.11.2023	09.11.2027	
													SOMERA VSMH.60.450.05	20.59					
SOMERA VSMH.60.445.05	20.59																		
iv	Mono c-Si PERC Modules	PREXOS VSMOHT.72.535.05 (535 Wp)	PARADEA VSMDH.72.550.05	21.33						144 (Half Cut Cells)	1500	10.11.2023	09.11.2027						
			PARADEA VSMDH.72.545.05	21.13															
			PARADEA VSMDH.72.540.05	20.94															
v	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.66.650.05 (650 Wp)	PARADEA VSMDH.72.535.05	20.75						132 (Half Cut Cells)	1500	10.11.2023	09.11.2027						
			PREXOS VSMOHT.72.535.05	20.75															
			PREXOS VSMOHT.72.530.05	20.55															
vi	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.60.590.05 (590 Wp)	PARADEA VSMDH.66.660.05	21.25						120 (Half Cut Cells)	1500	10.11.2023	09.11.2027						
			PARADEA VSMDH.66.655.05	21.09															
			PARADEA VSMDH.66.650.05	20.92															
vii	Mono c-Si PERC Modules	SOMERA VSMH.66.655.05 (655 Wp)	PARADEA VSMDH.66.645.05	20.76						132 (Half Cut Cells)	1500	10.11.2023	09.11.2027						
			PARADEA VSMDH.66.640.05	20.60															
			PARADEA VSMDH.66.635.05	20.44															
viii	Mono c-Si PERC Modules	SOMERA VSMH.60.600.05 (600 Wp)	PARADEA VSMDH.60.600.05	21.20						120 (Half Cut Cells)	1500	10.11.2023	09.11.2027						
			PARADEA VSMDH.60.595.05	21.02															
			PARADEA VSMDH.60.590.05	20.85															
ix	Mono c-Si PERC Modules	SOMERA VSMH.72.450.05 (450 Wp)	PARADEA VSMDH.60.585.05	20.67						144 (Half Cut Cells)	1500	10.11.2023	09.11.2027						
			PARADEA VSMDH.60.580.05	20.50															
			SOMERA VSMH.66.670.05	21.57															
14	M/s. Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlakhmi HiTech Industrial Park, Sonale Village, Bhiwandi-421302, Maharashtra	R-71013196	49						i	Mono c-Si PERC Modules	CG MB72-405 (405 Wp)	SOMERA VSMH.66.665.05	21.41	72 (Full Cells)	1500	30.12.2023	29.12.2027	
													SOMERA VSMH.66.660.05	21.25					
													SOMERA VSMH.66.655.05	21.09					
					SOMERA VSMH.66.650.05	20.92													
					SOMERA VSMH.66.645.05	20.76													
					SOMERA VSMH.66.640.05	20.60													
					SOMERA VSMH.60.610.05	21.55													
					SOMERA VSMH.60.605.05	21.38													
					SOMERA VSMH.60.600.05	21.20													
					SOMERA VSMH.60.595.05	21.02													
					SOMERA VSMH.60.590.05	20.85													
					SOMERA VSMH.60.585.05	20.67													
					SOMERA VSMH.60.580.05	20.49													
					SOMERA VSMH.72.455.05	20.46													
					SOMERA VSMH.72.450.05	20.23													
		SOMERA VSMH.72.445.05	20.01																
		SOMERA VSMH.72.440.05	19.79																
		Co-ALMM with M/s. Credence Solar Panels Private Limited	R-72008656	30 (As per Co-Branding Agreement)	CG MB72-395	19.17	144 (Half Cut Cells)	1500	10.04.2024	24.01.2025									
						CG MB72-400					19.41								
						CG MB72-405					19.66								
						CG MB72-410					19.90								
						CG MB72-415					20.14								
						CG-X144- 500					19.04								
						CG-X144- 505					19.24								
						CG-X144- 510					19.43								
						CG-X144- 515					19.62								
						CG-X144- 520					19.81								
						CG-X144- 525					20.00								
						Manufacturing Address: Plot No. 18&19, Survey No. 142/2, Rajkot-									ii	Mono c-Si PERC Module	CG-X144- 525 (525 Wn)	CG-X144- 500	19.04
																		CG-X144- 505	19.24
CG-X144- 510	19.43																		
CG-X144- 515	19.62																		
CG-X144- 520	19.81																		
CG-X144- 525	20.00																		

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)				
		Jamnagar Highway, Padadhari, Rajkot, Gujarat						CG-X144-530 CG-X144-535 CG-X144-540 CG-X144-545 CG-X144-550	20.19 20.38 20.57 20.76 20.95								
15	M/s. ECE (India) Energies Pvt. Ltd.	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India.	R-71012220	40	i	Mono c-Si PERC Module	ECE060M310 (310Wp)	ECE060M310	19.19	60 (Full Cells)	1500	04.03.2024	03.03.2028				
					ii	Mono c-Si PERC Module	ECE060M340 (340Wp)	ECE060M340	19.23	66 (Full Cells)	1500	04.03.2024	03.03.2028				
					iii	Mono c-Si PERC Module	ECE060M370 (370Wp)	ECE060M370	19.17	72 (Full Cells)	1500	04.03.2024	03.03.2028				
		Co-ALMM with M/s Navitas Green Solutions Pvt. Ltd. Manufacturing Address: Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72008389	100 (As per Co-Branding Agreement)	iv	Mono c-Si PERC Module	ECE072M220 (220 Wp)	ECE072M215 ECE072M220 ECE072M225 ECE072M260 ECE072M265 ECE072M270 ECE072M275	19.32 19.77 20.22 19.62 20.00 20.38 20.76	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					v	Mono c-Si PERC Module	ECE072M270 (270 Wp)	ECE072M285 ECE096M285 ECE096M290 ECE096M295 ECE096M300 ECE096M350	19.42 19.81 20.15 20.49 20.06	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					vi	Mono c-Si PERC Module	ECE096M295 (295 Wp)	ECE096M355 ECE096M360 ECE096M365 ECE108M320 ECE108M325 ECE108M330 ECE108M335 ECE108M340	20.35 20.64 20.92 19.52 19.82 20.13 20.43 20.74	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					vii	Mono c-Si PERC Module	ECE096M360 (360 Wp)	ECE108M390 ECE108M395 ECE108M400 ECE108M405 ECE108M410 ECE120M360 ECE120M365 ECE120M370 ECE120M375 ECE120M435 ECE120M440 ECE120M445 ECE120M450 ECE120M455	19.96 20.21 20.47 20.72 20.98 19.84 20.11 20.39 20.66 20.10 20.33 20.56 20.79 21.02	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					viii	Mono c-Si PERC Module	ECE108M330 (330 Wp)	ECE132M395 ECE132M400 ECE132M405 ECE132M410 ECE132M415 ECE132M480 ECE132M485 ECE132M490 ECE132M495 ECE132M500	19.82 20.13 20.43 20.74 20.85 20.22 20.43 20.64 20.85 21.06	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					ix	Mono c-Si PERC Module	ECE108M400 (400 Wp)	ECE144M435 ECE144M440 ECE144M445 ECE144M450 ECE144M455 ECE144M460 ECE144M465 ECE144M525 ECE144M530 ECE144M535 ECE144M540 ECE144M545 ECE144M550 ECE144M555 ECE144M560	19.84 20.11 20.39 20.66 20.10 20.33 20.56 20.79 21.02 19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					x	Mono c-Si PERC Module	ECE120M370 (370 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xi	Mono c-Si PERC Module	ECE120M445 (445 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xiii	Mono c-Si PERC Module	ECE132M490 (490 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xiv	Mono c-Si PERC Module	ECE144M450 (450 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xv	Mono c-Si PERC Module	ECE144M545 (545 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xvi	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					xvii	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M465 ECE156M465 ECE156M470 ECE156M475 ECE156M480 ECE156M485 ECE156M570 ECE156M575 ECE156M580 ECE156M585	19.85 20.10 20.35 20.06 20.85 20.22 20.43 20.64 20.85 21.06 20.09 20.32 20.55 20.78 21.01 21.24 21.48 20.32 20.51 20.71 20.90 21.09 21.29 21.48 21.67 19.30 19.51 19.72 19.93 20.14 20.35 20.39 20.57 20.74 20.92	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025				
					16	Rayzon Solar Private	Block No. 94/1/1F, 94/1/3, 102/1,	R-72002305	1637			RS38WC	19.72				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
Limited	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.				i	Mono c-Si PERC Modules	RS400WC (400 Wp)	RS390WC	19.96	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								RS395WC	20.22				
								RS400WC	20.47				
								RS405WC	20.75				
								RS410WC	20.97				
								RS415WC	21.22				
								RS420WC	21.48				
								RS425WC	19.67				
								RS430WC	19.88				
								RS435WC	20.12				
								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				
								RS485WC	20.46				
								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				
								RS535WC	20.74				
								RS540WC	20.94				
								RS545WC	21.10				
								RS550WC	21.32				
								RS555WC	21.52				
								RS560WC	21.71				
								RS565WC	19.56				
								RS570WC	19.79				
								RS575WC	19.99				
								RS580WC	20.18				
								RS585WC	20.37				
								RS590WC	20.56				
								RS595WC	20.75				
								RS600WC	20.94				
								RS605WC	21.13				
								RS610WC	21.32				
								RS615WC	19.40				
								RS620WC	19.60				
								RS625WC	19.84				
								RS630WC	20.02				
								RS635WC	20.26				
								RS640WC	20.46				
								RS645WC	20.66				
								RS650WC	20.87				
								RS655WC	21.08				
								RS660WC	19.18				
								RS665WC	19.42				
								RS670WC	19.65				
								RS675WC	19.86				
								RS680WC	20.10				
								RS685WC	20.35				
								RS690WC	20.58				
								RS695WC	20.81				
								RS700WC	21.02				
								RS705WC	19.47				
								RS710WC	19.72				
								RS715WC	19.96				
								RS720WC	20.22				
								RS725WC	20.47				
								RS730WC	20.75				
								RS735WC	21.00				
								RS740WC	19.57				
								RS745WC	19.76				
								RS750WC	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)							
					ix	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG530WC (530 Wp)	RSG520WC	20.15	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RSG525WC	20.34											
								RSG530WC	20.53											
								RSG535WC	20.73											
								RSG540WC	20.92											
								RSG545WC	21.12											
								RSG550WC	21.31											
								RSG555WC	21.50											
								RSG460WC	19.40											
								RSG465WC	19.60											
					x	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG480WC (480 Wp)	RSG470WC	19.84	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RSG475WC	20.02											
								RSG480WC	20.26											
								RSG485WC	20.46											
								RSG490WC	20.66											
								RSG495WC	20.87											
								RSG500WC	21.08											
								RSG415WC	19.18											
								RSG420WC	19.42											
								RSG425WC	19.65											
					xi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG435WC (435 Wp)	RSG430WC	19.86	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RSG435WC	20.10											
								RSG440WC	20.35											
								RSG445WC	20.58											
								RSG450WC	20.81											
								RSG455WC	21.02											
								RSG380WC	19.47											
								RSG385WC	19.72											
								RSG390WC	19.96											
								RSG395WC	20.22											
					xii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	RSG390WC (390 Wp)	RSG400WC	20.47	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RSG405WC	20.75											
								RSG410WC	21.00											
								RSS35144TGC	20.73											
								RSS40144TGC	20.92											
								RSS45144TGC	21.12											
								RSS50144TGC	21.31											
								RSS55144TGC	21.50											
								RSS60144TGC	21.70											
								RSS65144TGC	21.89											
					xiii	Bifacial N Type TOPCon Module (Glass to Glass)	RS560144TGC (560 Wp)	RSS70144TGC	22.08	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RSS75144TGC	22.28											
								RSS80144TGC	22.47											
								RSS85144TGC	22.66											
								RS485132TGC	20.43											
								xiv	Bifacial N Type TOPCon Module (Glass to Glass)					RS510132TGC (510 Wp)	RS490132TGC	20.64	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
															RS495132TGC	20.85				
															RS500132TGC	21.06				
															RS505132TGC	21.27				
															RS510132TGC	21.49				
					RS515132TGC	21.70														
					RS520132TGC	21.91														
					RS525132TGC	22.12														
					RS530132TGC	22.33														
					RS535132TGC	22.54														
					xv	Bifacial N Type TOPCon Module (Glass to Glass)	RS465120TGC (465 Wp)	RS445120TGC	20.54	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RS450120TGC	20.77											
								RS455120TGC	21.00											
								RS460120TGC	21.23											
								RS465120TGC	21.46											
								RS470120TGC	21.70											
								RS475120TGC	21.93											
								RS480120TGC	22.16											
								RS485120TGC	22.39											
								RS395108TGC	20.24											
					xvi	Bifacial N Type TOPCon Module (Glass to Glass)	RS415108TGC (415 Wp)	RS400108TGC	20.50	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028							
								RS405108TGC	20.76											
								RS410108TGC	21.01											
								RS415108TGC	21.27											
								RS420108TGC	21.53											
								RS425108TGC	21.78											
								RS430108TGC	22.04											
								RS435108TGC	22.30											
								KE570M	22.06											
								KE565M	21.87											
					KE560M	21.68														

17 M/s. Kosol Energie Pvt. Ltd. Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad- R-72003417 637

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)
		382220, Gujarat, India.			i	Mono c-Si PERC Modules	KE550M (550 Wp)	KE555M	21.48	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE550M	21.29				
								KE545M	21.10				
								KE540M	20.90				
								KE535M	20.71				
								KE530M	20.52				
								KE570T	22.06				
								KE565T	21.87				
								KE560T	21.68				
								KE555T	21.48				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE550T (550 Wp)	KE550T	21.29	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE545T	21.10				
								KE540T	20.90				
								KE535T	20.71				
								KE530T	20.52				
								KE460M	21.21				
								KE455M	20.98				
								KE450M	20.75				
								KE445M	20.52				
								KE440M	20.29				
					iii	Mono c-Si PERC Modules	KE445M (445 Wp)	KE435M	20.06	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE430M	19.83				
								KE460T	21.21				
								KE455T	20.98				
								KE450T	20.75				
								KE445T	20.52				
								KE440T	20.29				
								KE435T	20.06				
								KE430T	19.83				
								KE415M	21.24				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE445T (445 Wp)	KE410M	20.98	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								KE405M	20.73				
								KE400M	20.47				
								KE395M	20.22				
								KE390M	19.96				
								KE385M	19.70				
								KE415T	21.24				
								KE410T	20.98				
								KE405T	20.73				
								KE400T	20.47				
v	Mono c-Si PERC Modules	KE400M (400 Wp)	KE395T	20.22	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			KE390T	19.96									
			KE385T	19.70									
			KE380T	19.44									
			KE395M	20.22									
			KE390M	19.96									
			KE385M	19.70									
			KE380M	19.44									
			KE395M	20.22									
			KE390M	19.96									
vi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	KE400T (400 Wp)	KE385T	19.70	108 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			KE380T	19.44									
			KE375T	19.18									
			KE370T	18.92									
			KE365T	18.66									
			KE360T	18.40									
			KE355T	18.14									
			KE350T	17.88									
			KE345T	17.62									
			KE340T	17.36									
vii	Mono c-Si PERC Modules	KE255M (255 Wp)	KE255M	19.22	48 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE285M	19.39									
			KE280M	19.05									
			KE285M	19.39									
			KE315M	19.17									
			KE320M	19.47									
			KE325M	19.78									
			KE330M	20.08									
			KE335M	20.38									
			KE380M	19.16									
viii	Mono c-Si PERC Modules	KE285M (285 Wp)	KE385M	19.42	72 (Full Cells)	1500	04.03.2024	03.03.2028					
			KE390M	19.67									
			KE395M	19.92									
			CSPL-144MHC-TF-520	20.14									
			CSPL-144MHC-TF-525	20.33									
			CSPL-144MHC-TF-530	20.52									
			CSPL-144MHC-TF-535	20.72									
			CSPL-144MHC-TF-540	20.91									
			CSPL-144MHC-TF-545	21.11									
			CSPL-144MHC-TF-550	21.30									
ix	Mono c-Si PERC Modules	KE325M (325 Wp)	CSPL-144MHC-TF-555	21.49	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			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									
			CSPL-144MHC-WF-540	20.91									
			CSPL-144MHC-WF-545	21.11									
			CSPL-144MHC-WF-550	21.30									
			CSPL-144MHC-WF-555	21.49									
x	Mono c-Si PERC Modules	KE390M (390 Wp)	CSPL-144MHC-WF-560	21.69	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028					
			CSPL-144MHC-WF-565	21.88									
			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									
			CSPL-132MHC-WF-490	20.63									
			CSPL-132MHC-WF-495	20.84									
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-132MHC-TF-485	20.21	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-132MHC-TF-490	20.42				
								CSPL-132MHC-TF-495	20.63				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
								CSPL-132MHC-WF-495	20.84				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
CSPL-132MHC-WF-495	20.84												
					ii	Mono c-Si PERC Module	CSPL-144MHC-WF-535 (535Wp)	CSPL-132MHC-TF-485	20.21	144 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-132MHC-TF-490	20.42				
								CSPL-132MHC-TF-495	20.63				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
								CSPL-132MHC-WF-495	20.84				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
CSPL-132MHC-WF-495	20.84												
					iii	Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-132MHC-TF-485 (485Wp)	CSPL-132MHC-TF-485	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-132MHC-TF-490	20.42				
								CSPL-132MHC-TF-495	20.63				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
								CSPL-132MHC-WF-495	20.84				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
CSPL-132MHC-WF-495	20.84												
					iv	Mono c-Si PERC Module	CSPL-132MHC-WF-485 (485Wp)	CSPL-132MHC-TF-485	20.21	132 (Half Cut Cells)	1500	04.03.2024	03.03.2028
								CSPL-132MHC-TF-490	20.42				
								CSPL-132MHC-TF-495	20.63				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
								CSPL-132MHC-WF-495	20.84				
								CSPL-132MHC-WF-480	20.21				
								CSPL-132MHC-WF-485	20.42				
								CSPL-132MHC-WF-490	20.63				
CSPL-132MHC-WF-495	20.84												

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)								
						Mono c-Si PERC Module (Glass to Transparent backsheet)	CSPL-120MHC-TF-440 (440Wp)	CSPL-132MHC-WF-490	20.63	120 (Half Cut Cells)	1500	04.03.2024	03.03.2028								
								CSPL-132MHC-WF-495	20.84												
								CSPL-120MHC-TF-435	20.04												
								CSPL-120MHC-TF-440	20.27												
								CSPL-120MHC-TF-445	20.50												
								CSPL-120MHC-TF-450	20.73												
								CSPL-120MHC-WF-435	20.04												
								CSPL-120MHC-WF-440	20.27												
								CSPL-120MHC-WF-445	20.50												
								CSPL-120MHC-WF-450	20.73												
								CSPL-108MHC-TF-390	19.88					108 (Half Cut Cells)	1500	04.03.2024	03.03.2028				
								CSPL-108MHC-TF-395	20.14												
								CSPL-108MHC-TF-400	20.39												
								CSPL-108MHC-TF-405	20.65												
								CSPL-108MHC-WF-390	19.88												
								CSPL-108MHC-WF-395	20.14												
								CSPL-108MHC-WF-400	20.39												
								CSPL-108MHC-WF-405	20.65												
CSPL24M380	19.15	72 (Full Cells)	1500	04.03.2024	03.03.2028																
CSPL24M385	19.41																				
CSPL24M390	19.66																				
CSPL24M395	19.91																				
CSPL24M400	20.16																				
RPLUS24380 (380 Wp)	19.11					72 (Full Cells)	1500	05.04.2024	04.04.2028												
RPLUS20330	20.05																				
RPLUS20325	19.74																				
RPLUS20320	19.44																				
RPLUS20315	19.14																				
RPLUS18300	20.37									60 (Full Cells)	1500	05.04.2024	04.04.2028								
RPLUS18295	20.03																				
RPLUS18290	19.69																				
RPLUS18285	19.35																				
RSM10MP-72HCMF550 (550Wp)	21.29													144 (Half Cut Cells)	1500	05.04.2024	04.04.2028				
RSM10MP-72HCMF545	21.10																				
RSM10MP-72HCMF540	20.90																				
RSM10MP-72HCMF535	20.71																				
RSM10MP-72HCMF530	20.52																				
RSM10MP-72HCMF525	20.32																				
RSM10MP-72HCMF520	20.13																				
RSM10MP-72HCMF515	19.94																				
RSM10MP-72HCMF510	19.74																				
RSM10MP-72HCMF505	19.55																				
RSM10MP-72HCMF500	19.35																				
RSM10MP-72HCMF495	19.16																				
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																				
RSM10MP-60HCMF460 (460 Wp)	21.25					120 (Half Cut Cells)	1500	05.04.2024	04.04.2028												
RSM10MP-60HCMF455	21.02																				
RSM10MP-60HCMF450	20.79																				
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	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028																
RSM10MP-54HCMF415	21.23																				
RSM10MP-54HCMF410	20.97																				
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					132 (Half Cut Cells)	1500	05.04.2024	04.04.2028												
PE-475HM	20.01																				
PE-480HM	20.22																				
PE-485HM	20.43																				
PE-490HM	20.64																				
	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 Raviriyala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India	R-63002356	1241		Mono c-Si PERC Module	PE-490HM, (490Wp)	PE-470HM	19.80	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
																PE-475HM	20.01				
																PE-480HM	20.22				
																PE-485HM	20.43				
		PE-490HM	20.64																		

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
								PE-495HM	20.86	144 (Half-Cut Cells)	1500	05.04.2024	04.04.2028												
								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-555HGB	21.48																
								PE-560HM	20.04																
								PE-565HM	20.22																
								PE-570HM	20.40																
								PE-575HM	20.58																
								PE-580HM	20.76																
								PE-585HM	20.94																
								PE-590HM	21.12																
								PE-520HB	21.91																
								PE-515HB	21.70																
								PE-510HB	21.49																
								PE-505HB	21.28																
								PE-500HB	21.07																
								PE-495HB	20.86																
								PE-490HB	20.64																
								PE-550HB	21.29																
								PE-545HB	21.10																
								PE-540HB	20.90																
								PE-535HB	20.71																
								PE-530HB	20.52																
								PE-525HB	20.32																
								PE-545THB144	21.10																
								PE-550THB144	21.29																
								PE-555THB144	21.48																
								PE-560THB144	21.68																
								PE-565THB144	21.87																
								PE-570THB144	22.07																
								PE-575THB144	22.26																
								PE-580THB144	22.45																
								PE-585THB144	22.65																
								PE-590THB144	22.84																
								PE-495THB132	20.86																
								PE-500THB132	21.07																
								PE-505THB132	21.28																
								PE-510THB132	21.49																
								PE-515THB132	21.70																
								PE-520THB132	21.91																
								PE-525THB132	22.12																
								PE-530THB132	22.33																
								PE-535THB132	22.54																
								PE-450THB120	20.80																
								PE-455THB120	21.03																
								PE-460THB120	21.26																
								PE-465THB120	21.49																
								PE-470THB120	21.72																
								PE-475THB120	21.95																
								PE-480THB120	22.18																
								PE-485THB120	22.42																
								PE-490THB120	22.65																
								PE-495THB120	22.88																
								SSSPL-72TP-255	19.20																
								SSSPL-72TP-260	19.58																
								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																
								21	M/s. Sri Savitr Solar Pvt. Ltd					Plot No. 34/1, Sy No. 374, C.I.E. Phase 2, Gandhi Nagar, Quthbulapur, Ranga Reddy, Hyderabad, Telangana - 500037, India	R-63000922	40	i	Mono c-Si PERC Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-255 SSSPL-72TP-260 SSSPL-72TP-265 SSSPL-72TP-270 SSSPL-72TP-275	19.20 19.58 19.96 20.33 20.71	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028
																	ii	Mono c-Si PERC Module	SSSPL-72TP-265 (280 Wp)	SSSPL-72TP-280	21.08	72 (Half Cut Cells)	1500	05.04.2024	04.04.2028
																	iii	Mono c-Si PERC Module	SSSPL-108TP-390 (390 Wp)	SSSPL-108TP-380 SSSPL-108TP-390	19.47 19.98	108 (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)							
					iv	Mono c-Si PERC Module	SSSPL-108TP-410 (410Wp)	SSSPL-108TP-410	21.00	108 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
					v	Mono c-Si PERC Module	SSSPL-120TP-440 (440Wp)	SSSPL-120TP-420	19.42	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
								SSSPL-120TP-430	19.89											
								SSSPL-120TP-440	20.35											
								SSSPL-120TP-450	20.81											
					vi	Mono c-Si PERC Module	SSSPL-132TP-485 (485 Wp)	SSSPL-120TP-460	21.27	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
								SSSPL-132TP-470	19.81											
								SSSPL-132TP-475	20.02											
								SSSPL-132TP-480	20.23											
								SSSPL-132TP-485	20.44											
								SSSPL-132TP-490	20.66											
					vii	Mono c-Si PERC Module	SSSPL-144TP-520 (520 Wp)	SSSPL-132TP-495	20.87	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
								SSSPL-132TP-500	21.07											
								SSSPL-144TP-500	19.36											
								SSSPL-144TP-510	19.75											
								SSSPL-144TP-520	20.14											
SSSPL-144TP-530	20.52																			
22	M/s. Bluebird Solar Pvt. Ltd	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	R-93014680	100	viii	Mono c-Si PERC Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-550	21.30	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028							
								i	Mono c-Si PERC Modules					BBS24MF395 (395Wp)	BBS24MF380	19.10	72 (Full Cells)	1500	05.04.2024	04.04.2028
															BBS24MF385	19.35				
															BBS24MF390	19.60				
															BBS24MF395	19.85				
								ii	Mono c-Si PERC Module					BBS24MC460 (460Wp)	BBS24MF400	20.10	120 (Half Cut Cells)	1500	05.04.2024	04.04.2028
															BBS24MF405	20.35				
															BBS24MC440	19.73				
															BBS24MC445	19.95				
															BBS24MC450	20.18				
															BBS24MC455	20.40				
								iii	Mono c-Si PERC Module					BBS24MC495 (495Wp)	BBS24MC465	20.63	132 (Half Cut Cells)	1500	05.04.2024	04.04.2028
															BBS24MC465	20.85				
															BBS24MC470	21.08				
															BBS24MC475	21.31				
															BBS24MC480	19.45				
BBS24MC485	19.65																			
iv	Mono c-Si PERC Module	BBS24MC525 (525Wp)	BBS24MC490	19.85	144 (Half Cut Cells)	1500	05.04.2024	04.04.2028												
			BBS24MC495	20.05																
			BBS24MC500	20.25																
			BBS24MC505	20.46																
			BBS24MC510	20.66																
			BBS24MC515	19.96																
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	Manufacturing Address: Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal	R-51002631	2 (As per Co-Branding Agreement)	ii	Mono c-Si PERC Module	RSS535144HCMP (535Wp)	RSS50144HCMP	20.16	144 (Half Cut Cells)	1500	08.07.2024	17.08.2024						
									RSS525144HCMP	20.35										
									RSS530144HCMP	20.54										
									RSS535144HCMP	20.74										
									RSS540144HCMP	20.93										
									RSS545144HCMP	21.13										
		RSS550144HCMP	21.32																	
		Co-ALMM with M/s Cosmic PV Power Private Limited	Manufacturing Address: Survey No. 1605/1, Block No 2098/1/B, Tadkeshvar, Mandavi, Surat-394170, Gujarat	R-72010197	2 (As per Co-Branding Agreement)	iii	Mono c-Si PERC Module	RCOS TWIN-530 (530 Wp)	RSS55144HCMP	21.51	144 (Half Cut Cells)	1500	08.07.2024	17.08.2024						
									RCOS TWIN-550	21.3										
									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																			
Co-ALMM with M/s Grew Energy Private Limited	Manufacturing Address: Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DDDU Jaipur, Rajasthan-303008	R-84004561	2 (As per Co-Branding Agreement)	iv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGM672HM10540 (540Wp)	RCOS TWIN-520	20.13	144 (Half Cut Cells)	1500	08.07.2024	17.08.2024								
							RCOS TWIN-515	19.93												
							RCOS TWIN-510	19.74												
							RGM672HM10550	21.29												
							RGM672HM10545	21.1												
							RGM672HM10540	20.9												
							RGM672HM10535	20.71												
							RGM672HM10530	20.52												
							RGM672HM10525	20.32												
							RGM666HM10505	21.26												
v	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	RGM666HM10495 (495Wp)	RGM666HM10500	21.05	132 (Half Cut Cells)	1500	08.07.2024	17.08.2024												
			RGM666HM10495	20.83																
			RGM666HM10490	20.62																

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)												
								RGMB66HM10485	20.41	120 (Half Cut Cells)	1500	08.07.2024	17.08.2024												
								RGMB66HM10480	20.2																
								RGMB60HM10460	21.24																
								RGMB60HM10455	21.01																
								RGMB60HM10450	20.78																
								RGMB60HM10445	20.54																
								RGMB60HM10440	20.31																
								RGMB60HM10435	20.08																
								RGMB54HM10415	21.21																
								RGMB54HM10410	20.96																
								RGMB54HM10405	20.7																
								RGMB54HM10400	20.45																
								RGMB54HM10395	20.19																
								RGMB54HM10390	19.94																
								RGMB48HM10365	20.9																
								RGMB48HM10360	20.61																
								RGMB48HM10355	20.33																
								RGMB48HM10350	20.04																
								RGMB48HM10345	19.75																
								RGMB48HM10340	19.47																
								RGMF72HM10550	21.29																
								RGMF72HM10545	21.1																
								RGMF72HM10540	20.9																
								RGMF72HM10535	20.71																
								RGMF72HM10530	20.52																
								RGMF72HM10525	20.32																
								RGMF66HM10505	21.26																
								RGMF66HM10500	21.05																
								RGMF66HM10495	20.83																
								RGMF66HM10490	20.62																
								RGMF66HM10485	20.41																
								RGMF66HM10480	20.2																
								RGMF60HM10460	21.24																
								RGMF60HM10455	21.01																
								RGMF60HM10450	20.78																
								RGMF60HM10445	20.54																
								RGMF60HM10440	20.31																
								RGMF60HM10435	20.08																
								RGMF54HM10415	21.21																
								RGMF54HM10410	20.96																
								RGMF54HM10405	20.7																
								RGMF54HM10400	20.45																
								RGMF54HM10395	20.19																
								RGMF54HM10390	19.94																
								RGMF48HM10365	20.9																
								RGMF48HM10360	20.61																
								RGMF48HM10355	20.33																
								RGMF48HM10350	20.04																
								RGMF48HM10345	19.75																
								RGMF48HM10340	19.47																
								SS-255	15.3																
								SS-260	15.6																
								SS-265	15.89																
								SS-270	16.19																
								SS-275	16.49																
								SS-280	15.32																
								SS-285	15.6																
								SS-290	15.86																
								SS-295	16.14																
								SS-300	16.42																
								SS-305	16.69																
								SS-310	16.95																
								SS-315	15.85																
								SS-320	16.1																
								SS-325	16.35																
								SS-330	16.6																
								SS-335	16.85																
								SS-340	17.1																
								SS-345	17.35																
								R250P	16.5																
								R255P	16.9																
								R260P	17.2																
								R265P	17.5																
								R270P	17.9																
								R250P(72C)	16.5																
								R255P(72C)	16.9																
								R260P(72C)	17																
								R270P(72C)	17.2																
								R300P	16.7																
								R305P	16.9																
								R310P	17.2																
								24	M/s. Sahaj Solar Private Ltd					Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 88, Ahmedabad, Gujarat – 382220, India	R-72005630	100	i	Multi C-Si Modules	SS-265, (265Wp)	SS-255	15.3	60 (Full Cells)	1500	18.08.2022	17.08.2024
																	ii	Multi C-Si Modules	SS-295, (295Wp)	SS-285	15.6	66 (Full Cells)	1500	18.08.2022	17.08.2024
																	iii	Multi C-Si Modules	SS-330, (330Wp)	SS-320	16.1	72 (Full Cells)	1500	18.08.2022	17.08.2024
								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	96	i	Multi C-Si Modules	R260P, (260Wp)	R250P	16.5	60 (Full Cells)	1500	18.08.2022	17.08.2024
																	ii	Multi C-Si Modules	R260P(72C), (260Wp)	R255P(72C)	16.9	72 (Cut Cell)	1500	18.08.2022	17.08.2024
																	iii	Multi C-Si Modules	R300P, (300Wp)	R300P	16.7	72 (Full Cells)	1500	18.08.2022	17.08.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					iv	Multi C-Si Modules	R320P, (320Wp)	R315P	17.4	72 (Full Cells)	1500	18.08.2022	17.08.2024				
								R320P	17.7								
								R325P	17.9								
								R330P	18.3								
								R335P	18.4								
								R420M	19.27								
					v	Mono PERC C-Si Modules	R435M, (435Wp)	R425M	19.5	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
								R430M	19.73								
								R435M	19.96								
								R440M	20.18								
								R445M	20.41								
								R450M	20.64								
					vi	Mono PERC C-Si Modules	R530M, (530Wp)	R510M	19.73	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
								R515M	19.93								
								R520M	20.12								
								R525M	20.31								
								R530M	20.51								
								R535M	20.7								
								R540M	20.89								
								R545M	21.09								
								R550M	21.28								
26	M/s. Mundra Solar Energy Ltd	Taluka Mundra, Survey No.180/P, Sector-01 South Of APJ/CGPL Power Plant, Near EMC Bridge,Tunda, Kachchh- 370435 Gujarat	R-72005460	2158	i	Mono C-Si PERC Modules	ASM-M10-144-520, (520Wp)	ASM-M10-144-500	19.48	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024				
								ASM-M10-144-501	19.51								
								ASM-M10-144-502	19.55								
								ASM-M10-144-503	19.59								
								ASM-M10-144-504	19.63								
								ASM-M10-144-505	19.67								
								ASM-M10-144-506	19.71								
								ASM-M10-144-507	19.75								
								ASM-M10-144-508	19.79								
								ASM-M10-144-509	19.83								
								ASM-M10-144-510	19.86								
								ASM-M10-144-511	19.9								
								ASM-M10-144-512	19.94								
								ASM-M10-144-513	19.98								
								ASM-M10-144-514	20.02								
								ASM-M10-144-515	20.06								
								ASM-M10-144-516	20.1								
								ASM-M10-144-517	20.14								
								ASM-M10-144-518	20.18								
								ASM-M10-144-519	20.22								
								ASM-M10-144-520	20.25								
								ASM-M10-144-521	20.29								
								ASM-M10-144-522	20.33								
								ASM-M10-144-523	20.37								
								ASM-M10-144-524	20.41								
								ASM-M10-144-525	20.45								
								ASM-M10-144-526	20.49								
								ASM-M10-144-527	20.53								
								ASM-M10-144-528	20.57								
								ASM-M10-144-529	20.6								
								ASM-M10-144-530	20.64								
								ASM-M10-144-531	20.68								
								ASM-M10-144-532	20.72								
								ASM-M10-144-533	20.76								
								ASM-M10-144-534	20.8								
								ASM-M10-144-535	20.84								
								ASM-M10-144-536	20.88								
								ASM-M10-144-537	20.92								
								ASM-M10-144-538	20.96								
								ASM-M10-144-539	20.99								
								ASM-M10-144-540	21.03								
								ASM-M10-144-541	21.07								
								ASM-M10-144-542	21.11								
								ASM-M10-144-543	21.15								
								ASM-M10-144-544	21.18								
								ASM-M10-144-545	21.22								
								ASB-M10-144-500	19.48								
								ASB-M10-144-501	19.51								
								ASB-M10-144-502	19.55								
								ASB-M10-144-503	19.59								
								ASB-M10-144-504	19.63								
								ASB-M10-144-505	19.67								
ASB-M10-144-506	19.71																
ASB-M10-144-507	19.75																
ASB-M10-144-508	19.79																
ASB-M10-144-509	19.83																
ASB-M10-144-510	19.86																
ASB-M10-144-511	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)
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-520, (520Wp)	ASB-M10-144-512 ASB-M10-144-513 ASB-M10-144-514 ASB-M10-144-515 ASB-M10-144-516 ASB-M10-144-517 ASB-M10-144-518 ASB-M10-144-519 ASB-M10-144-520 ASB-M10-144-521 ASB-M10-144-522 ASB-M10-144-523 ASB-M10-144-524 ASB-M10-144-525 ASB-M10-144-526 ASB-M10-144-527 ASB-M10-144-528 ASB-M10-144-529 ASB-M10-144-530 ASB-M10-144-531 ASB-M10-144-532 ASB-M10-144-533 ASB-M10-144-534 ASB-M10-144-535 ASB-M10-144-536 ASB-M10-144-537 ASB-M10-144-538 ASB-M10-144-539 ASB-M10-144-540 ASB-M10-144-541 ASB-M10-144-542 ASB-M10-144-543 ASB-M10-144-544 ASB-M10-144-545	19.94 19.98 20.02 20.06 20.1 20.14 20.18 20.22 20.25 20.29 20.33 20.37 20.41 20.45 20.49 20.53 20.57 20.6 20.64 20.68 20.72 20.76 20.8 20.84 20.88 20.92 20.96 20.99 21.03 21.07 21.11 21.15 21.18 21.22	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
27	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra	R-71018970	565	i	Monofacial C-Si PERC Modules	DESERV SGALACTIC-560 (560Wp)	DESERV SGALACTIC-555 DESERV SGALACTIC-560 DESERV SGALACTIC-565 DESERV SGALACTIC-570 DESERV SGALACTIC-575 DESERV SGALACTIC-580	19.77 19.95 20.13 20.3 20.48 20.66	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					ii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-515 (515Wp)	DESERV SGALACTIC-490 DESERV SGALACTIC-495 DESERV SGALACTIC-500 DESERV SGALACTIC-505 DESERV SGALACTIC-510 DESERV SGALACTIC-515 DESERV SGALACTIC-520 DESERV SGALACTIC-525 DESERV SGALACTIC-530 DESERV SGALACTIC-535	18.87 19.06 19.25 19.45 19.64 19.83 20.02 20.22 20.41 20.6	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					iii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-425 (425Wp)	DESERV SGALACTIC-405 DESERV SGALACTIC-410 DESERV SGALACTIC-415 DESERV SGALACTIC-420 DESERV SGALACTIC-425 DESERV SGALACTIC-430 DESERV SGALACTIC-435 DESERV SGALACTIC-440 DESERV SGALACTIC-445	18.61 18.84 19.07 19.3 19.53 19.76 19.99 20.22 20.45	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					iv	Bifacial C-Si PERC Modules	DESERV EXTREME-560 (560Wp)	DESERV EXTREME-555 DESERV EXTREME-560 DESERV EXTREME-565 DESERV EXTREME-570 DESERV EXTREME-575 DESERV EXTREME-580	19.77 19.95 20.13 20.3 20.48 20.66	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					v	Bifacial C-Si PERC Modules	DESERV EXTREME-515 (515Wp)	DESERV EXTREME-490 DESERV EXTREME-495 DESERV EXTREME-500 DESERV EXTREME-505 DESERV EXTREME-510 DESERV EXTREME-515 DESERV EXTREME-520 DESERV EXTREME-525 DESERV EXTREME-530	18.87 19.06 19.25 19.45 19.64 19.83 20.02 20.22 20.41	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Bifacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV EXTREME-535	20.6	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV EXTREME-405	18.61				
								DESERV EXTREME-410	18.84				
								DESERV EXTREME-415	19.07				
								DESERV EXTREME-420	19.3				
								DESERV EXTREME-425	19.53				
								DESERV EXTREME-430	19.76				
								DESERV EXTREME-435	19.99				
								DESERV EXTREME-440	20.22				
								DESERV EXTREME-445	20.45				
								DESERV SGALACTIC-585	20.83				
								DESERV SGALACTIC-590	21.07				
vii	Mono PERC C-Si Module	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-540	20.8	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-545	21									
viii	Mono PERC C-Si Module	DESERV SGALACTIC-545 (545 Wp)	DESERV SGALACTIC-450	20.7	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-455	21									
ix	Mono PERC C-Si Module	DESERV SGALACTIC-455 (455Wp)	DESERV EXTREME-585	20.8	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV EXTREME-590	21.01									
x	Mono PERC Bifacial C-Si Module	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME-540	20.8	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV EXTREME-545	21									
xi	Mono PERC Bifacial C-Si Module	DESERV EXTREME-545 (545 Wp)	DESERV EXTREME-450	20.7	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV EXTREME-455	21									
xii	Mono PERC Bifacial C-Si Module	DESERV EXTREME-455 (455 Wp)	WSMD-520	20.2	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			WSMD-525	20.39									
28	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	8524	i	Mono C-Si PERC Modules	WSMD-540, (540Wp)	WSMD-530	20.58	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				
								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				
ii	Mono C-Si PERC Modules	WSMD-600, (600Wp)	WSMD-640	20.48	120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			WSMD-645	20.64									
			WSMD-650	20.8									
iii	Mono C-Si PERC Modules	WSMD-650, (650Wp)	Bi-55-520	20.2	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-55-525	20.39									
			Bi-55-530	20.58									
iv	Bifacial Mono C-Si PERC Modules	Bi-55-540, (540Wp)	Bi-55-535	20.78	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-55-540	20.97									
			Bi-55-545	21.17									
v	Bifacial Mono C-Si PERC Modules	Bi-66-600, (600Wp)	Bi-55-550	21.36	120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-66-580	20.35									
			Bi-66-585	20.52									
vi	Bifacial Mono C-Si PERC Modules	Bi-68-650, (650Wp)	Bi-66-590	20.7	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-66-595	20.88									
			Bi-66-600	21.06									
29	M/s. ITI Limited	ITI Limited, Naini, Mirzapur Road, Naini, Allahabad, Uttar Pradesh-211010, India	R-93012246	30	i	Multi C-Si Modules	ITI320PF72, (320Wp)	Bi-68-630	20.16	72 (Full Cells)	1500	27.09.2022	26.09.2024
								Bi-68-635	20.32				
								Bi-68-640	20.48				
								Bi-68-645	20.64				
								Bi-68-650	20.8				
								ITI305PF72	15.46				
								ITI320PF72	16.22				
								ITI325PF72	16.47				
								ITI205PF48	15.32				
								ITI155PF36	15.61				
								ITI120PC36	17.64				
								ITI125PC36	18.37				
30	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	2209	i	Mono C-Si PERC Modules	GS10-M144-WF-540, (540Wp)	ITI100PC36	14.7	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								ITI080PC36	15.27				
								ITI075PC36	14.71				
								ITI060PC36	13.95				
								ITI050PC36	13.51				
								ITI040PC36	13.78				
								GS10-M144-WF-540	21.11				
								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-WF-525	20.33				
ii	Mono C-Si PERC Bifacial Modules	GS10-B144-TF-535, (535Wp)	GS10-B144-WF-530	20.53	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024					
			GS10-B144-WF-535	20.73									
			GS10-B144-WF-540	20.92									
iii	Mono C-Si PERC Modules	GS10-B144-WF-530, (530Wp)	GS10-B144-GF-525	20.34	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024					
			GS10-B144-GF-530	20.53									
			GS10-B144-GF-535	20.73									
iv	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-535, (535Wp)	GS10-B144-GF-540	20.92	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024					
			GS10-B144-GF-540	20.92									
			GS10-M144-WF-500	19.36									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-505	19.56	144 Half Cut Cells	1500	27.09.2022	26.09.2024
								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-545	21.11				
								GS10-M144-WF-550	21.3				
								GS10-B144-TF-545	21.1				
								GS10-B144-TF-550	21.3				
								vi	Bifacial Mono c-Si PERC Modules				
GS10-B144-TF-550	21.3												
vii	Bifacial Mono c-Si PERC Modules	GS10-B144-GF-545, (545Wp)	GS10-B144-GF-545	21.1	144 Half Cut Cells	1500	27.09.2022	26.09.2024					
			GS10-B144-GF-550	21.3									
viii	Mono c-Si PERC Modules	GS10-M132-WF-500, (500Wp)	GS10-M132-WF-500	21.06	132 Half Cut Cells	1500	27.09.2022	26.09.2024					
			GS10-M132-WF-505	21.28									
31	M/s. SunField Energy Private Ltd	B-3, IDA Kukatpally, Gandhinagar, Medchal- Malkajgiri, Telengana - 500037, India	R-63002062	29	i	Multi- C-Si Modules	SEPL24335, (335Wp)	SEPL24335	17.3	72 Full Cells	1500	27.09.2022	26.09.2024
								SEPL24330	17				
								SEPL24325	16.8				
								SEPL24320	16.5				
								SEPL24315	16.03				
								SEPL24310	16				
								SEPL24305	15.7				
								SEPL24302	15.6				
								SEPL20280F	17.2				
								SEPL20275F	16.9				
								SEPL20270F	16.6				
								SEPL20265F	16.3				
ii	Multi- C-Si Modules	SEPL24315, (315Wp)	SEPL24315	16	72 Full Cells	1500	27.09.2022	26.09.2024					
			SEPL24310	16									
iii	Multi- C-Si Modules	SEPL20270F, (270Wp)	SEPL20270F	16.6	60 Full Cells	1500	27.09.2022	26.09.2024					
			SEPL20265F	16.3									
iv	Multi- C-Si Modules	SEPL20250F, (250Wp)	SEPL20250F	15.6	60 Full Cells	1500	27.09.2022	26.09.2024					
			SEPL20245F	15.1									
v	Multi- C-Si Modules	SEPL18245F, (245Wp)	SEPL18245F	14.7	54 Full Cells	1000	27.09.2022	26.09.2024					
			SEPL18255F	15.2									
vi	Multi- C-Si Modules	SEPL18240F, (245Wp)	SEPL18240F	15.2	54 Full Cells	1000	27.09.2022	26.09.2024					
			SEPL18245F	14.9									
vii	Multi- C-Si Modules	SEPL18225F, (225p)	SEPL18235F	14.6	54 Full Cells	1000	27.09.2022	26.09.2024					
			SEPL18230F	14.29									
viii	Multi- C-Si Modules	SEPL12165F, (165Wp)	SEPL18230F	13.99	36 Full Cells	1000	27.09.2022	26.09.2024					
			SEPL18225F	13.68									
ix	Multi- C-Si Modules	SEPL12150F, (150Wp)	SEPL18220F	13.38	36 Full Cells	1000	27.09.2022	26.09.2024					
			SEPL18215F	13.07									
x	Multi- C-Si Modules	SEPL24290, (290Wp)	SEPL12170F	17.02	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL12165F	16.52									
xi	Multi- C-Si Modules	SEPL24265, (265Wp)	SEPL12160F	16.02	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL12155F	15.52									
xii	Multi- C-Si Modules	SEPL24240, (240Wp)	SEPL12150F	15.02	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL12145F	14.52									
xiii	Multi- C-Si Modules	SEPL24250, (250Wp)	SEPL24300	15.3	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24295	15									
xiv	Multi- C-Si Modules	SEPL24285, (285Wp)	SEPL24290	14.7	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24280	14.2									
xv	Multi- C-Si Modules	SEPL24270, (270Wp)	SEPL24275	14.5	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24270	14									
xvi	Multi- C-Si Modules	SEPL24260, (260Wp)	SEPL24265	13.7	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24260	13.2									
xvii	Multi- C-Si Modules	SEPL24255, (255Wp)	SEPL24255	13.1	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24250	15.2									
xviii	Multi- C-Si Modules	SEPL24240, (240Wp)	SEPL24245	14.9	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24240	14.6									
xix	Multi- C-Si Modules	SEPL24230, (230Wp)	SEPL24235	14.29	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24230	13.99									
xx	Multi- C-Si Modules	SEPL24215, (215Wp)	SEPL24225	13.68	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24220	15.76									
xxi	Multi- C-Si Modules	SEPL24210, (210Wp)	SEPL24215	15.4	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24210	15.04									
xxii	Multi- C-Si Modules	SEPL24205, (205Wp)	SEPL24205	14.68	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24200	14.32									
xxiii	Multi- C-Si Modules	SEPL24195, (195Wp)	SEPL24195	13.97	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24190	13.61									
xxiv	Multi- C-Si Modules	SEPL24185, (185Wp)	SEPL24185	13.25	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24180	15.03									
xxv	Multi- C-Si Modules	SEPL24175, (175Wp)	SEPL24175	14.61	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24170	14.19									
xxvi	Multi- C-Si Modules	SEPL24165, (165Wp)	SEPL24165	13.78	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24160	13.36									
xxvii	Multi- C-Si Modules	SEPL24155, (155Wp)	SEPL24155	12.95	72 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL24150	12.53									
xxviii	Multi- C-Si Modules	SEPL20250, (250Wp)	SEPL20250	15.3	60 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL20245	15									
xxix	Multi- C-Si Modules	SEPL20240, (240Wp)	SEPL20240	14.7	60 Cut Cells	1000	27.09.2022	26.09.2024					
			SEPL20235	14.4									

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)							
					xviii	Multi- C-Si Modules	SEPL20215, (215Wp)	SEPL20230	14.1	60 Cut Cells	1000	27.09.2022	26.09.2024							
								SEPL20225	13.8											
								SEPL20220	13.5											
								SEPL20215	13.2											
								SEPL20210	12.9											
								SEPL20205	12.6											
								SEPL20200	12.3											
								xix	Multi- C-Si Modules					SEPL20195, (195Wp)	SEPL20195	12	60 Cut Cells	1000	27.09.2022	26.09.2024
															SEPL20190	11.6				
															SEPL21150	15.38				
								xx	Multi- C-Si Modules					SEPL12145, (145Wp)	SEPL12145	14.87	36 Cut Cells	600	27.09.2022	26.09.2024
															SEPL12140	14.46				
					SEPL12135	13.84														
					SEPL12130	13.33														
					xxi	Multi- C-Si Modules	SEPL12130, (130Wp)	SEPL12125	14.86	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL12120	14.27											
								SEPL12115	13.67											
								SEPL12110	13.08											
					xxiii	Multi- C-Si Modules	SEPL12100, (100Wp)	SEPL12105	12.48	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL12100	14.85											
					xxiv	Multi- C-Si Modules	SEPL1295, (95Wp)	SEPL1295	14.1	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1295	14.1											
					xxv	Multi- C-Si Modules	SEPL1290, (90Wp)	SEPL1290	13.36	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1285	12.62											
					xxvi	Multi- C-Si Modules	SEPL1285, (85Wp)	SEPL1285	12.62	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1280	14.83											
					xxvii	Multi- C-Si Modules	SEPL1275, (75Wp)	SEPL1275	13.9	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1270	12.97											
					xxix	Multi- C-Si Modules	SEPL1265, (65Wp)	SEPL1265	12.05	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1260	11.12											
					xxx	Multi- C-Si Modules	SEPL1260, (60Wp)	SEPL1260	11.12	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1255	10.19											
					xxxii	Multi- C-Si Modules	SEPL1255, (55Wp)	SEPL1255	10.19	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1250	12.33											
					xxxiii	Multi- C-Si Modules	SEPL1250, (50Wp)	SEPL1250	12.33	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1245	11.1											
					xxxiv	Multi- C-Si Modules	SEPL1245, (45Wp)	SEPL1245	11.1	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1240	9.86											
					xxxv	Multi- C-Si Modules	SEPL1240, (40Wp)	SEPL1240	9.86	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1235	8.63											
					xxxvi	Multi- C-Si Modules	SEPL1235, (35Wp)	SEPL1235	8.63	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1230	8.91											
					xxxvii	Multi- C-Si Modules	SEPL1230, (30Wp)	SEPL1230	8.91	36 Cut Cells	600	27.09.2022	26.09.2024							
								SEPL1224	8.73											
					xxxviii	Multi- C-Si Modules	SEPL1224, (24Wp)	SEPL1224	8.73	36 Cut Cells	600	27.09.2022	26.09.2024							
								SASA255C-72	19.06					72 (Half cut Cells)	1500	28.08.2024	26.09.2028			
					i	Mono c-Si PERC Module	SASA265C-72 (265 Wp)	SASA260C-72	19.43											
								SASA265C-72	19.80											
SASA270C-72	20.18																			
SASA275C-72	20.55																			
SASA335C-96	19.06																			
SASA340C-96	19.34																			
SASA345C-96	19.63																			
SASA350C-96	19.91																			
SASA355C-96	20.20																			
SASA360C-96	20.48																			
SASA365C-96	20.76																			
SASA375C-108	19.11	108 (Half Cut Cells)	1500	28.08.2024				26.09.2028												
ii	Mono c-Si PERC Module				SASA390C-96 (350 Wp)	SASA380C-108	19.37													
						SASA385C-108	19.62													
						SASA390C-108	19.88													
						SASA395C-108	20.13													
						SASA400C-108	20.39													
						SASA405C-108	20.64													
						SASA410C-108	20.90													
						SASA415C-120	19.11		120 (Half Cut Cells)	1500	28.08.2024	26.09.2028								
						iii	Mono c-Si PERC Module						SASA435C-120 (435 Wp)	SASA420C-120	19.34					
														SASA425C-120	19.57					
														SASA430C-120	19.80					
		SASA435C-120	20.03																	
SASA440C-120	20.26																			
SASA445C-120	20.49																			
SASA450C-120	20.72																			
SASA455C-120	20.95																			
SASA460C-132	19.41	132 (Half Cut Cells)	1500	28.08.2024	26.09.2028															
iv	Mono c-Si PERC Module							SASA480C-132 (480 Wp)						SASA465C-132	19.62					
														SASA470C-132	19.83					
									SASA475C-132	20.04										
						SASA480C-132	20.25													
						SASA485C-132	20.46													
						SASA490C-132	20.67													
						SASA495C-132	20.88													
						SASA500C-132	21.10													
						SASA500C-144	19.35		144 (Half Cut Cells)	1500	28.08.2024	26.09.2028								
						v	Mono c-Si PERC Module						SASA525C-144 (525 Wp)	SASA505C-144	19.55					
														SASA510C-144	19.74					
		SASA515C-144	19.94																	
SASA520C-144	20.13																			
SASA525C-144	20.32																			
SASA530C-144	20.52																			
SASA535C-144	20.71																			
SASA540C-144	20.90																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity														
												From	To (subject to valid BIS Registration; else deemed to be delisted)													
					vii	Mono c-Si PERC Module	SASA390M72 (390 Wp)	SASA545C-144	21.09	72 (Full Cells)	1500		28.08.2024	26.09.2028												
								SASA550C-144	21.29				28.08.2024	26.09.2028												
								SASA380M72	19.11				28.08.2024	26.09.2028												
								SASA385M72	19.37				28.08.2024	26.09.2028												
								SASA390M72	19.62				28.08.2024	26.09.2028												
								SASA395M72	19.87				28.08.2024	26.09.2028												
								SASA400M72	20.17				28.08.2024	26.09.2028												
								SASA350M66	19.20				28.08.2024	26.09.2028												
								SASA355M66	19.48				28.08.2024	26.09.2028												
								SASA360M66	19.75				28.08.2024	26.09.2028												
								SASA320M60	19.25				28.08.2024	26.09.2028												
								SASA325M60 (325 Wp)	19.55				28.08.2024	26.09.2028												
								SASA330M60	19.85				28.08.2024	26.09.2028												
								SASA290M54	19.30				28.08.2024	26.09.2028												
								SASA295M54	19.63				28.08.2024	26.09.2028												
								SASA300M54 (300 Wp)	19.90				28.08.2024	26.09.2028												
								SASA305M54	20.34				28.08.2024	26.09.2028												
								SASA255M48	19.00				28.08.2024	26.09.2028												
								SASA260M48 (260 Wp)	19.37				28.08.2024	26.09.2028												
								SASA265M48	19.74				28.08.2024	26.09.2028												
								SASA24MPC385	19.17				28.08.2024	26.09.2028												
								SASA24MPC390	19.42				28.08.2024	26.09.2028												
								SASA24MPC395 (395 Wp)	19.67				28.08.2024	26.09.2028												
								SASA24MPC400	19.70				28.08.2024	26.09.2028												
SASA24MPC405	20.20	28.08.2024	26.09.2028																							
33	M/s. SUNBOND Energy Pvt. Ltd.	S.No. 181/P2 Opp. 66 kV substation, Mitana- Padadhari Road , Mitana, Rajkot, Gujarat 363650, India	R-72005762	60	i	Mono C-Si PERC Modules	SEPL72F375M, (375Wp)	SEPL72F360M	18.1	72 (Full Cells)	1500		27.09.2022	26.09.2024												
								SEPL72F365M	18.36																	
								SEPL72F370M	18.62																	
								SEPL72F375M	18.87																	
								SEPL72F380M	19.12																	
								SEPL72F385M	19.38																	
								SEPL72F390M	19.63																	
								SEPL66F325M	17.86						66 (Full Cells)	1500	27.09.2022	26.09.2024								
								SEPL66F330M	18.12																	
								SEPL66F335M	18.41																	
								SEPL66F340M	18.67																	
								SEPL66F345M	18.95																	
								SEPL66F350M	19.22																	
								SEPL66F355M	19.49																	
								SEPL60F295M	17.75										60 (Full Cells)	1500	27.09.2022	26.09.2024				
								SEPL60F300M	18.05																	
								SEPL60F305M	18.36																	
								SEPL60F310M	18.67																	
								SEPL60F315M	18.98																	
								SEPL60F320M	19.26																	
								SEPL60F325M	19.59																	
								SEPL54F275M	18.34														54 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL54F280M	18.67																	
								SEPL54F285M	18.99																	
SEPL54F290M	19.33																									
SEPL48F240M	17.93	48 (Full Cells)	1500	27.09.2022	26.09.2024																					
SEPL48F245M	18.29																									
SEPL48F250M	18.67																									
SEPL48F255M	19.01																									
SEPL48F260M	19.39																									
SEPL144C360M	17.93					144 (Half Cut Cells)	1500	27.09.2022	26.09.2024																	
SEPL144C365M	18.18																									
SEPL144C370M	18.43																									
SEPL144C375M	18.68																									
SEPL144C380M	18.93																									
SEPL144C385M	19.18																									
SEPL144C390M	19.44																									
SEPL36F155P	15.77									36 (Full Cells)	1500	27.09.2022	26.09.2024													
SEPL36F160P	16.25																									
SEPL36F165P	16.74																									
SEPL48F200P	14.91																									
SEPL48F205P	15.27																									
SEPL48F210P	15.66													48 (Full Cells)	1500	27.09.2022	26.09.2024									
SEPL48F215P	16.04																									
SEPL48F220P	16.41																									
SEPL48F225P	16.48																									
SEPL48F230P	17.23																									
SEPL54F225P	14.99																	54 (Full Cells)	1500	27.09.2022	26.09.2024					
SEPL54F230P	15.32																									
SEPL54F235P	15.65																									
SEPL54F240P	15.99																									
SEPL54F245P	16.67																									
SEPL60F255P	15.43	60 (Full Cells)	1500	27.09.2022	26.09.2024																					
SEPL60F260P	15.72																									
SEPL60F265P	16.01																									

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	Multi C-Si Modules	SEPL66F290P, (290Wp)	SEPL60F270P SEPL60F275P SEPL66F280P SEPL66F285P SEPL66F290P SEPL66F295P SEPL66F300P	16.33 16.54 15.41 15.64 15.92 16.2 16.48	66 (Full Cells)	1500	27.09.2022	26.09.2024
					xii	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL72F300P SEPL72F305P SEPL72F315P SEPL72F320P SEPL72F325P SEPL72F330P	15.89 15.36 15.6 15.89 16.19 16.4	72 (Full Cells)	1500	27.09.2022	26.09.2024
					xiii	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72C285P SEPL72C290P SEPL72C295P	14.37 14.61 14.87	72 (Full Cells)	1500	27.09.2022	26.09.2024
					xiv	Multi C-Si Module	SEPL72F340P (340 Wp)	SEPL72F335P SEPL72F340P	16.91 17.12	72 (Full Cell)	1500	27.09.2022	26.09.2024
					xv	Mono-PERC C-Si Module	SEPL72F400M (400Wp)	SEPL72F400M	20.16	72 (Full Cell)	1500	27.09.2022	26.09.2024
					xvi	Mono-PERC C-Si Module	SEPLM10-525 (525 Wp)	SEPLM10-500 SEPLM10-505 SEPLM10-510 SEPLM10-515 SEPLM10-520 SEPLM10-525 SEPLM10-530 SEPLM10-535 SEPLM10-540 SEPLM10-545 SEPLM10-550	19.35 19.54 19.74 19.93 20.12 20.32 20.51 20.71 20.9 21.09 21.29	144 (Half Cut Cell)	1500	27.09.2022	26.09.2024
34	M/s. Cosmic PV Power Pvt. Ltd.	Block No:E-43/44, D-26/27, A-366 to A-371, A487 to A-492, L-365 and L-493, Hindwa Dreams, Dhoran Pardi, Gayapagal Road, Kamrej, Surat-394155	R-72005100	70	i	Multi C-Si Modules	Cos Po 330P (330 Wp)	Cos Po 320P Cos Po 325P Cos Po 330P Cos Po 335P	16.49 16.75 17.01 17.26	72 FULL CELL	1500	27.09.2022	26.09.2024
					ii	Multi C-Si Modules	Cos Po 300P (300 Wp)	Cos Po 300P Cos Po 305P Cos Po 310P Cos Po 315P	15.46 15.72 15.98 16.23	72 FULL CELL	1500	27.09.2022	26.09.2024
					iii	Multi C-Si Modules	Cos Po 270P (270 Wp)	Cos Po 260P Cos Po 265P Cos Po 270P Cos Po 275P	15.82 16.13 16.43 16.73	60 FULL CELL	1500	27.09.2022	26.09.2024
					iv	Multi C-Si Modules	Cos Po 250P (250 Wp)	Cos Po 280P Cos Po 250P Cos Po 255P	17.04 15.21 15.52	60 FULL CELL	1500	27.09.2022	26.09.2024
35	M/s. Emmvee Photovoltaic Power Private Limited	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru rural District, Karnataka	R-62002976	676	i	Mono c-Si PERC Modules	E520HCMW144 (520 Wp)	E545HCMW144 E540HCMW144 E535HCMW144 E530HCMW144 E525HCMW144 E520HCMW144 E515HCMW144 E510HCMW144 E505HCMW144 E500HCMW144 E495HCMW144	21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.36 19.16	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E520HCBG144 (520 Wp)	E545HCBG144 E540HCBG144 E535HCBG144 E530HCBG144 E525HCBG144 E520HCBG144 E515HCBG144 E510HCBG144 E505HCBG144 E500HCBG144 E495HCBG144	21.10 20.90 20.71 20.52 20.32 20.13 19.94 19.74 19.55 19.36 19.16	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					iii	Mono c-Si PERC Modules	E430HCMW120 (430 Wp)	E450HCMW120 E445HCMW120 E440HCMW120 E435HCMW120 E430HCMW120 E425HCMW120 E420HCMW120 E415HCMW120 E410HCMW120	20.74 20.51 20.28 20.05 19.82 19.59 19.36 19.13	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E450HCBG120 E445HCBG120 E440HCBG120 E435HCBG120 E430HCBG120 E425HCBG120	20.74 20.51 20.28 20.05 19.82 19.59	120 (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)
								E420HCBG120	19.36				
								E415HCBG120	19.13				
					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 Module (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	19.74	108 Half Cut Cells	1500	27.09.2024	26.09.2028
				E390HCBG108				20.00					
				E395HCBG108				20.25					
				E400HCBG108				20.51					
				E405HCBG108				20.76					
					viii	Bifacial Mono c-Si PERC Module (Glass to Glass)	E490HCBG132 (490 Wp)	E480HCBG132	20.19	132 Half Cut Cells	1500	27.09.2024	26.09.2028
				E485HCBG132				20.40					
				E490HCBG132				20.61					
				E495HCBG132				20.82					
				E500HCBG132				21.03					
					ix	Mono c-Si PERC Module	E395HCMW108 (395 Wp)	E385HCMW108	19.74	108 Half Cut Cells	1500	27.09.2024	26.09.2028
				E390HCMW108				20.00					
				E395HCMW108				20.25					
				E400HCMW108				20.51					
				E405HCMW108				20.76					
					x	Mono c-Si PERC Module	E490HCMW132 (490 Wp)	E480HCMW132	20.19	132 Half Cut Cells	1500	27.09.2024	26.09.2028
				E485HCMW132				20.40					
				E490HCMW132				20.61					
				E495HCMW132				20.82					
				E500HCMW132				21.03					
					xi	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E525HCBT144 (525 Wp)	E550HCBT144	21.29	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				E545HCBT144				21.10					
				E540HCBT144				20.90					
				E535HCBT144				20.71					
				E530HCBT144				20.52					
				E525HCBT144				20.32					
				E520HCBT144				20.13					
				E515HCBT144				19.94					
				E510HCBT144				19.74					
				E505HCBT144				19.55					
				E500HCBT144				19.35					
								xii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)				
				E500HCBT132	21.03								
				E495HCBT132	20.81								
				E490HCBT132	20.60								
				E485HCBT132	20.39								
					xiii	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E490HCBT132 (490 Wp)	E480HCBT132	20.18	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				E450HCBT120				20.74					
				E445HCBT120				20.51					
				E440HCBT120				20.28					
				E435HCBT120				20.05					
					xiv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E430HCBT120 (430 Wp)	E430HCBT120	19.82	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				E425HCBT120				19.59					
				E420HCBT120				19.36					
				E405HCBT108				20.76					
				E400HCBT108				20.51					
					xv	Bifacial Mono c-Si PERC Modules (Glass to Transparent Backsheet)	E395HCBT108 (395 Wp)	E395HCBT108	20.25	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				E390HCBT108				19.99					
				E385HCBT108				19.74					
				E580HCBG144-T				22.45					
				E575HCBG144-T				22.26					
					xvi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E570HCBG144-T	22.06	144 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				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					
								xvii	Bifacial N-Type TOPCon Modules (Glass to Glass)				
				E530HCBG132-T	22.29								
				E525HCBG132-T	22.08								
				E520HCBG132-T	21.87								
				E515HCBG132-T	21.66								
					xviii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E510HCBG132-T	21.45	132 (Half Cut Cells)	1500	27.09.2024	26.09.2028
				E505HCBG132-T				21.24					
				E500HCBG132-T				21.03					
				E495HCBG132-T				20.81					
				E490HCBG132-T				20.60					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E485HCBG132-T	20.39	120 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E480HCBG132-T	20.18				
								E480HCBG120-T	22.13				
								E475HCBG120-T	21.90				
								E470HCBG120-T	21.66				
								E465HCBG120-T	21.43				
								E460HCBG120-T	21.20				
								E455HCBG120-T	20.97				
								E450HCBG120-T	20.74				
								E445HCBG120-T	20.51				
					E440HCBG120-T	20.28							
					xx	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T	22.30	108 (Half Cut Cells)	1500	27.09.2024	26.09.2028
								E430HCBG108-T	22.04				
								E425HCBG108-T	21.79				
								E420HCBG108-T	21.53				
								E415HCBG108-T	21.28				
								E410HCBG108-T	21.02				
								E405HCBG108-T	20.76				
								E400HCBG108-T	20.51				
								E395HCBG108-T	20.25				
E390HCBG108-T	15.36												
36	M/s. Jyottech Solar LLP	Plot No R-456, Rabale MIDC, TTC Industrial Area, Navi Mumbai-400701, Maharashtra, India.	R-71018171	36	i	Multi C-Si Modules	JTSP72F320 (320 Wp)	JTSP72F305	15.62	72 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP72F310	15.62				
								JTSP72F315	15.87				
								JTSP72F320	16.12				
								JTSP72F325	16.37				
								JTSP72F330	16.62				
								JTSP72F335	16.88				
								JTSP72F340	17.13				
					ii	Multi C-Si Modules	JTSP72F340 (340 Wp)	JTSP66F270	14.79	72 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP66F275	15.07				
					iii	Multi C-Si Modules	JTSP66F280 (280 Wp)	JTSP66F280	15.34	66 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP66F285	15.62				
								JTSP66F290	15.9				
								JTSP66F295	16.16				
					iv	Multi C-Si Modules	JTSP66F300 (300 Wp)	JTSP66F300	16.43	66 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP60F250	15.01				
					v	Multi C-Si Modules	JTSP60F260 (260 Wp)	JTSP60F255	15.32	60 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP60F260	15.62				
								JTSP60F265	15.92				
								JTSP60F270	16.23				
								JTSP60F275	16.56				
								JTSP54F230	15.28				
					vi	Multi C-Si Modules	JTSP60F275 (275 Wp)	JTSP54F235	15.61	60 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP54F240	15.95				
								JTSP54F245	16.28				
								JTSP48F200	14.87				
					vii	Multi C-Si Modules	JTSP54F235 (235 Wp)	JTSP48F205	15.24	54 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP48F210	15.61				
								JTSP48F215	15.99				
								JTSP42F200	16.95				
					viii	Multi C-Si Modules	JTSP48F210 (2100 Wp)	JTSP36F150	14.66	48 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP36F155	15.15				
					ix	Multi C-Si Modules	JTSP42F200 (200 Wp)	JTSP36F160	15.63	36 FULL CELL	1000	27.09.2022	26.09.2024
								JTSP36F165	16.12				
					x	Multi C-Si Modules	JTSP36F155 (155 Wp)	JTSP72C200	15.6	72 CUT CELL	1500	27.09.2022	26.09.2024
								JTSP72C205	16.02				
					xi	Multi C-Si Modules	JTSP36F165 (165 Wp)	JTSP72C210	16.41	72 CUT CELL	1500	27.09.2022	26.09.2024
								JTSP72C215	16.8				
					xii	Multi C-Si Modules	JTSP72C210 (210 Wp)	JTSP72C220	17.19	72 CUT CELL	1500	27.09.2022	26.09.2024
								JTSP72C250	15.24				
xiii	Multi C-Si Modules	JTSP72C260 (260 Wp)	JTSP72C255	15.55	72 CUT CELL	1500	27.09.2022	26.09.2024					
			JTSP72C260	15.85									
xiv	Multi C-Si Modules	JTSP72C265 (265 Wp)	JTSP72C270	16.16	72 CUT CELL	1500	27.09.2022	26.09.2024					
			JTSP72C270	16.46									
xv	Multi C-Si Modules	JTSP72C275 (275 Wp)	JTSP72C275	16.77	72 CUT CELL	1500	27.09.2022	26.09.2024					
			JTSP36C030	12.78									
xvi	Multi C-Si Modules	JTSP36C030 (30 Wp)	JTSP36C35	11.83	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C040	13.52									
xvii	Multi C-Si Modules	JTSP36C040 (40 Wp)	JTSP36C045	15.21	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C050	13.5									
xviii	Multi C-Si Modules	JTSP36C045 (45 Wp)	JTSP36C055	14.84	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C060	14									
xix	Multi C-Si Modules	JTSP36C050 (50 Wp)	JTSP36C065	15.17	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C070	13.03									
xx	Multi C-Si Modules	JTSP36C055 (55 Wp)	JTSP36C075	13.96	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C080	14.89									
xxi	Multi C-Si Modules	JTSP36C060 (60 Wp)	JTSP36C085	15.82	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C090	12.66									
xxii	Multi C-Si Modules	JTSP36C065 (65 Wp)	JTSP36C095	13.36	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C100	14.07									
xxiii	Multi C-Si Modules	JTSP36C070 (70 Wp)	JTSP36C105	14.78	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C110	15.48									
xxiv	Multi C-Si Modules	JTSP36C075 (75 Wp)	JTSP36C110	15.48	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C110	15.48									
xxv	Multi C-Si Modules	JTSP36C080 (80 Wp)	JTSP36C110	15.48	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C110	15.48									
xxvi	Multi C-Si Modules	JTSP36C085 (85 Wp)	JTSP36C110	15.48	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C110	15.48									
xxvii	Multi C-Si Modules	JTSP36C090 (90 Wp)	JTSP36C110	15.48	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C110	15.48									
xxviii	Multi C-Si Modules	JTSP36C100 (100 Wp)	JTSP36C110	15.48	36 CUT CELL	1000	27.09.2022	26.09.2024					
			JTSP36C110	15.48									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL390MP72 ASPL395MP72 ASPL305P72 ASPL310P72 ASPL315P72 ASPL320P72 ASPL325P72 ASPL330P72 ASPL335P72	19.65 19.9 15.72 15.98 16.23 16.49 16.75 17.01 17.26	72 FULL CELL	1500	25.01.2023	24.01.2025					
40	M/s. Ameya Solar & Semiconductor Pvt. Ltd.	Survey No. 161/1/1A, Rajpeta Road, Maridimamba Temple, Nagavaram Village, Munugapakka Mandlam, Vishaka Patnam, Andhra Pradesh-531033, India	R-66001040	14	i	Multi C-Si Modules	ASSPL-1210 (10 Wp)	ASSPL-1210	9.52	36 (Cut Cells)	600	25.01.2023	24.01.2025					
					ii	Multi C-Si Modules	ASSPL-1240 (40 Wp)	ASSPL-1240	12.4	36 (Cut Cells)	600	25.01.2023	24.01.2025					
					iii	Multi C-Si Modules	ASSPL-1250 (50 Wp)	ASSPL-1250	13.43	36 (Cut Cells)	600	25.01.2023	24.01.2025					
					iv	Multi C-Si Modules	ASSPL-1275 (75 Wp)	ASSPL-1275	14.01	36 (Cut Cells)	600	25.01.2023	24.01.2025					
					v	Multi C-Si Modules	ASSPL-12100 (100 Wp)	ASSPL-12100	14.53	36 (Cut Cells)	600	25.01.2023	24.01.2025					
					vi	Multi C-Si Modules	ASSPL-12160 (160 Wp)	ASSPL-12160 ASSPL-20250	16.2 15.19	36 (Full Cells)	1000	25.01.2023	24.01.2025					
					vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20260 ASSPL-20270 ASSPL-24300	15.8 16.4 15.32	60 (Full Cells)	1500	25.01.2023	24.01.2025					
					viii	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24310 ASSPL-24320 ASSPL-24330	15.83 16.34 16.85	72 (Full Cells)	1500	25.01.2023	24.01.2025					
					ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24340 ASSPL-24350	17.36 18.87	72 (Full Cells)	1500	25.01.2023	24.01.2025					
					41	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/0, Dhoop Building, Volvoti Road, Cultti, Ponda, South Goa - 403401, India	R-71013536	143	i	Mono C-Si PERC Modules	DHOOP PM72 345 (345Wp)	DHOOP PM72 330Wp	17	72 (Full Cells)	1500	25.01.2023	24.01.2025
													DHOOP PM72 335Wp	17.26				
													DHOOP PM72 340Wp	17.52				
													DHOOP PM72 345Wp	17.78				
DHOOP PM72 350Wp	18.03																	
DHOOP PM72 355Wp	18.3																	
DHOOP PM72 360Wp	18.55																	
ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 370Wp	19.01						72 (Full Cells)	1500	25.01.2023	24.01.2025					
			DHOOP PM72 375Wp	19.26														
			DHOOP PM72 380Wp	19.52														
			DHOOP PM72 385Wp	19.78														
			DHOOP PM72 390Wp	20.04														
iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PM72 395Wp	20.29						48 (Full Cells)	1500	25.01.2023	24.01.2025					
			DHOOP PM72 400Wp	20.55														
			DHOOP PP48 200Wp	15.2														
iv	Multi C-Si Modules	DHOOP PP48 225 (225Wp)	DHOOP PP48 205Wp	15.64						48 (Full Cells)	1500	25.01.2023	24.01.2025					
			DHOOP PP48 210Wp	15.89														
			DHOOP PP48 215Wp	16.27														
			DHOOP PP48 220Wp	16.64														
v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP48 225Wp	17.02						60 (Full Cells)	1500	25.01.2023	24.01.2025					
			DHOOP PP48 230Wp	17.4														
			DHOOP PP48 235Wp	17.78														
			DHOOP PP60 250Wp	15.16														
vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 255Wp	15.46						60 (Full Cells)	1500	25.01.2023	24.01.2025					
			DHOOP PP60 260Wp	15.76														
			DHOOP PP60 265Wp	16.07														
vii	Multi C-Si Modules	DHOOP PP72 315 (315Wp)	DHOOP PP60 270Wp	16.37						72 (Full Cells)	1500	25.01.2023	24.01.2025					
			DHOOP PP60 275Wp	16.67														
			DHOOP PP60 280Wp	17.08														
			DHOOP PP72 300Wp	15.41														
			DHOOP PP72 305Wp	15.67														
			DHOOP PP72 310Wp	15.92														
			DHOOP PP72 315Wp	16.18														
			DHOOP PP72 320Wp	16.44														
			DHOOP PP72 325Wp	16.69														
viii	Multi C-Si Modules	DHOOP PP72 335 (335Wp)	DHOOP PP72 330Wp	16.95	72 (Full Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP72 335Wp	17.26														
ix	Multi C-Si Modules	DHOOP PP72 340Wp	DHOOP PP72 340Wp	17.52	72 (Full Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP72 340Wp	17.52														
x	Multi C-Si Modules	DHOOP PP36 100 (100Wp)	DHOOP PP36 100Wp	14.63	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 110 (110Wp)	16.18														
xi	Multi C-Si Modules	DHOOP PP36 110 (110Wp)	DHOOP PP36 110Wp	16.18	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 120 (120Wp)	16.51														
xii	Multi C-Si Modules	DHOOP PP36 120 (120Wp)	DHOOP PP36 120Wp	16.51	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 150 (150Wp)	15.01														
xiii	Multi C-Si Modules	DHOOP PP36 150 (150Wp)	DHOOP PP36 150Wp	15.01	36 (Full Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 160Wp	16.14														
xiv	Multi C-Si Modules	DHOOP PP36 40 (40Wp)	DHOOP PP36 40Wp	13.31	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 50Wp	13.35														
xv	Multi C-Si Modules	DHOOP PP36 50 (50Wp)	DHOOP PP36 50Wp	13.35	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 60 (60Wp)	13.74														
xvi	Multi C-Si Modules	DHOOP PP36 60 (60Wp)	DHOOP PP36 60Wp	13.74	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 75 (75Wp)	14.27														
xvii	Multi C-Si Modules	DHOOP PP36 75 (75Wp)	DHOOP PP36 75Wp	14.27	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHOOP PP36 80Wp	14.75														
xviii	Multi C-Si Modules	DHOOP PP36 80 (80Wp)	DHOOP PP36 80Wp	14.75	36 (Cut Cells)	1500	25.01.2023	24.01.2025										
			DHF-72HG-495	19.11														

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xix	Bifacial Mono c-Si PERC Module	DHF-72HG-520 (520 Wp)	DHF-72HG-500	19.30	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
				DHF-72HG-505				19.50					
				DHF-72HG-510				19.69					
				DHF-72HG-515				19.88					
				DHF-72HG-520				20.08					
				DHF-72HG-525				20.27					
				DHF-72HG-530				20.46					
				DHF-72HG-535				20.66					
				xx	Bifacial Mono c-Si PERC Module	DHF-72HG-545 (545 Wp)	DHF-72HG-540	20.85	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-72HG-545	21.04					
							DHF-72HG-550	21.24					
							DHF-66HG-455	19.12					
							DHF-66HG-460	19.33					
							DHF-66HG-465	19.54					
							DHF-66HG-470	19.75					
							DHF-66HG-475	19.96					
				xxi	Bifacial Mono c-Si PERC Module	DHF-66HG-470 (470 Wp)	DHF-66HG-480	20.17	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-66HG-485	20.38					
							DHF-66HG-490	20.59					
							DHF-66HG-495	20.80					
							DHF-66HG-500	21.01					
							DHF-66HG-505	21.22					
							DHF-54HG-375	19.13					
							DHF-54HG-380	19.38					
				xxii	Bifacial Mono c-Si PERC Module	DHF-66HG-495 (495 Wp)	DHF-54HG-385	19.64	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-54HG-390	19.89					
							DHF-54HG-395	20.15					
							DHF-54HG-400	20.40					
							DHF-54HG-405	20.66					
							DHF-54HG-410	20.91					
							DHF-60HG-600	20.75					
							DHF-60HG-595	20.58					
				xxiii	Bifacial Mono c-Si PERC Module	DHF-54HG-380 (380 Wp)	DHF-60HG-590	20.40	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-60HG-585	20.23					
							DHF-60HG-580	20.06					
							DHF-60HG-575	19.88					
							DHF-60HG-570	19.71					
							DHF-60HG-565	19.54					
							DHF-60HG-560	19.37					
							DHF-60HG-555	19.19					
				xxiv	Bifacial Mono c-Si PERC Module	DHF-54HG-405 (405 Wp)	DHF-60HG-550	19.20	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-54HG-540	20.78					
							DHF-54HG-535	20.58					
							DHF-54HG-530	20.39					
							DHF-54HG-525	20.20					
							DHF-54HG-520	20.01					
							DHF-54HG-515	19.81					
							DHF-54HG-510	19.62					
				xxv	Bifacial Mono c-Si PERC Module	DHF-60HG-575 (575 Wp)	DHF-54HG-505	19.43	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							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					
							DHF-48HG-465	20.05					
							DHF-48HG-460	19.83					
				xxvi	Bifacial Mono c-Si PERC Module	DHF-48HG-460 (460 Wp)	DHF-48HG-455	19.62	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							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					
							DHF-72H-535	20.66					
							DHF-72H-530	20.46					
				xxviii	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-525	20.27	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-72H-520	20.08					
							DHF-72H-515	19.88					
							DHF-72H-510	19.69					
							DHF-72H-505	19.50					
							DHF-72H-500	19.30					
							DHF-72H-495	19.11					
							DHF-66H-505	21.22					
				xxx	Mono c-Si PERC Module	DHF-72H-500 (500 Wp)	DHF-66H-500	21.01	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025	
							DHF-66H-495	20.80					
							DHF-66H-490	20.59					
							DHF-66H-485	20.38					
							DHF-66H-480	20.17					
							DHF-66H-475	19.96					
							DHF-66H-470	19.75					
							DHF-66H-465	19.54					
				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					

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)
					xxxii	Mono c-Si PERC Module	DHF-54H-400 (400 Wp)	DHF-54H-410	20.91	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-54H-405	20.66				
					xxxiii	Mono c-Si PERC Module	DHF-54H-380 (380 Wp)	DHF-54H-400	20.40	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-54H-395	20.15				
					xxxiv	Mono c-Si PERC Module	DHF-60H-575 (575 Wp)	DHF-54H-390	19.89	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-54H-385	19.64				
								DHF-54H-380	19.38				
								DHF-54H-375	19.13				
								DHF-60H-600	20.76				
								DHF-60H-595	20.58				
								DHF-60H-590	20.40				
								DHF-60H-585	20.23				
								DHF-60H-580	20.06				
								DHF-60H-575	19.88				
								DHF-60H-570	19.71				
								DHF-60H-565	19.54				
					xxxv	Mono c-Si PERC Module	DHF-54H-515 (515 Wp)	DHF-60H-560	19.37	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-60H-555	19.19				
								DHF-60H-550	19.02				
								DHF-54H-540	20.78				
DHF-54H-535	20.58												
DHF-54H-530	20.39												
DHF-54H-525	20.20												
DHF-54H-520	20.01												
DHF-54H-515	19.81												
DHF-54H-510	19.62												
xxxvi	Mono c-Si PERC Module	DHF-48H-460 (460 Wp)	DHF-54H-505	19.43	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025					
			DHF-54H-500	19.24									
			DHF-54H-495	19.05									
			DHF-48H-480	20.69									
			DHF-48H-475	20.48									
			DHF-48H-470	20.26									
			DHF-48H-465	20.05									
			DHF-48H-460	19.83									
			DHF-48H-455	19.62									
			DHF-48H-450	19.40									
42	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	R-72005800	89	i	Multi C-Si Modules	SS72F330P (330 Wp)	SS72F315P	16.23	72 (Full Cell)	1500	25.01.2023	24.01.2025
								SS72F320P	16.49				
					ii	Multi C-Si Modules	SS66F290P (290 Wp)	SS72F325P	16.75	66 (Full Cell)	1500	25.01.2023	24.01.2025
								SS72F330P	17.01				
					iii	Multi C-Si Modules	SS60F255P (255 Wp)	SS66F280P	15.67	60 (Full Cell)	1500	25.01.2023	24.01.2025
								SS66F285P	15.95				
					iv	Multi C-Si Modules	SS60F265P (265 Wp)	SS66F290P	16.23	60 (Full Cell)	1500	25.01.2023	24.01.2025
								SS66F295P	16.51				
					v	Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS66F300P	16.79	72 (Full Cell)	1500	25.01.2023	24.01.2025
								SS60F250P	15.4				
					vi	Mono C-Si PERC Modules	SS66F340M (340 Wp)	SS60F260P	16.01	66 (Full Cell)	1500	25.01.2023	24.01.2025
								SS60F265P	16.32				
					vii	Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS60F270P	16.63	60 (Full Cell)	1500	25.01.2023	24.01.2025
								SS72F370M	18.62				
					viii	Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS72F375M	18.87	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS72F380M	19.12				
					ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS72F385M	19.38	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS72F390M	19.63				
					x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS66F320M	17.86	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								SS66F330M	18.12				
													SS66F335M
													SS66F340M
													SS66F345M
													SS66F350M
													SS66F355M
													SS60F295M
													SS60F300M
													SS60F305M
													SS60F310M
													SS60F315M
													SS60F320M
													SS60F325M
													SS144C375M
													SS144C380M
													SS144C385M
													SS144C390M
													SS132C480M
													SS132C485M
													SS132C490M
													SS132C495M
													SS132C500M
													SS144C505M
													SS144C510M
													SS144C515M

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C520M 20.13 SS144C525M 20.32 SS144C530M 20.52 SS144C535M 20.71 SS144C540M 20.9 SS144C545M 21.1 SS144C550M 21.29 SS144C555M 21.48 SS144C560M 21.68		144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C565M 20.21 SS156C570M 20.39 SS156C575M 20.57 SS156C580M 20.75 SS156C585M 20.93		156 (Half Cut Cell)	1500	25.01.2023	24.01.2025
43	M/s. Unique Sun Power LLP	BL No. 2281/Z/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
					ii	Multi C-Si Modules	SUN36P100 (100 Wp)	SUN36P100 9.94		36 (Cut Cell)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	SUN36P150 (150 Wp)	SUN36P150 14.91		36 (Cut Cell)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P155 15.41 SUN36P160 15.94 SUN36P165 16.41 SUN48P205 15.23		36 (Full Cell)	1000	25.01.2023	24.01.2025
					v	Multi C-Si Modules	SUN48P210 (210 Wp)	SUN48P210 15.6 SUN48P220 16.34 SUN60P260 15.61 SUN60P265 15.91 SUN60P270 16.21 SUN60P275 16.51 SUN72P310 15.56 SUN72P315 15.88		48 (Full Cell)	1000	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN60P265 15.91 SUN60P270 16.21 SUN60P275 16.51 SUN72P310 15.56 SUN72P315 15.88		60 (Full Cell)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	SUN72P325 (325 Wp)	SUN72P320 16.13 SUN72P325 16.39 SUN72P330 16.64 SUN72P333 16.79 SUN72P335 16.9 SUN144P550 21.34 SUN144P545 21.14 SUN144P540 20.95 SUN144P535 20.76 SUN144P530 20.56 SUN144P525 20.37 SUN144P520 20.18		72 (Full Cell)	1500	25.01.2023	24.01.2025
					viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P535 20.76 SUN144P530 20.56 SUN144P525 20.37 SUN144P520 20.18		144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P465 21.45 SUN120P460 21.23 SUN120P455 21.01 SUN120P450 20.79 SUN120P445 20.55 SUN120P440 20.30 SUN120P435 20.07		120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
					x	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN108P420 21.43 SUN108P415 21.16 SUN108P410 20.90 SUN108P405 20.65 SUN108P400 20.39 ASM560 20.03		108 (Half Cut Cell)	1500	25.01.2023	24.01.2025
44	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 ASM565 20.21 ASM570 20.39 ASM575 20.57 ASM580 20.75 ASM585 20.93 ASM505 19.55 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 ASM500 21.07 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 ASM435 20.1		156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					ii	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM530 20.52 ASM535 20.71 ASM540 20.9 ASM545 21.09 ASM550 21.29		144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					iii	Mono PERC C-Si Module	ASM480 (480 Wp)	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 ASM435 20.1		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)							
					iv	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM430	19.87	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025							
								ASM425	19.64											
								ASM420	19.41											
								ASM415	19.18											
								ASM410	18.94											
					v	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM250	18.87	72 (Half Cut Cells)	1500	25.01.2023	24.01.2025							
								ASM255	19.25											
								ASM260	19.62											
								ASM265	20											
					vi	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM270	20.38	36 (Half Cut Cells)	1500	25.01.2023	24.01.2025							
								ASM125	18.39											
								ASM130	19.12											
					vii	Multi C-Si Module	AS330WP (330Wp)	ASM135	19.86	72 (Full Cell)	1500	25.01.2023	24.01.2025							
AS325WP	16.62																			
AS330WP	16.87																			
AS335WP	17.13																			
AS340WP	17.38																			
45	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)	AS345WP	17.64	60 (Full Cells)	1000	25.01.2023	24.01.2025							
								L20265P-255W	15.46											
								L20265P-260W	15.76											
								L20265P-265W	16.07											
								L20265P-270W	16.37											
								L20265P-275W	16.67											
					ii	Multi C-Si Modules	L24315P-315W (315 Wp)	L24315P-300W	15.4	72 (Full Cells)	1000	25.01.2023	24.01.2025							
								L24315P-305W	15.7											
								L24315P-310W	15.9											
								L24315P-315W	16.2											
								L24315P-320W	16.5											
								L24315P-325W	16.7											
					iii	Multi C-Si Modules	PSAAA1B-260W (260 Wp)	L24315P-330W	17	60 (Full Cells)	1500	25.01.2023	24.01.2025							
								L24315P-330W	17											
								PSAAA1B-250W	15.4											
								PSAAA1B-255W	15.71											
								PSAAA1B-260W	16.02											
								PSAAA1B-265W	16.33											
					iv	Multi C-Si Modules	PSAAB1B-315W (315 Wp)	PSAAA1B-270W	16.64	72 (Full Cells)	1500	25.01.2023	24.01.2025							
								PSAAB1B-300W	15.48											
								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																			
46	M/s. Credence Solar Panels Private Limited	Plot No. 18&19, Survey No. 142/Z, 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														
					CS-QU620-132	19.5														
					CS-QU590-120	20.76														
ii	Mono PERC C-Si Module	CS-QU575-120 (575 Wp)	CS-QU585-120	20.58	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
			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																
iii	Mono PERC C-Si Module	CS-QU525-110 (525 Wp)	CS-QU520-110	19.9	110 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
			CS-QU515-110	19.71																
			CS-QU510-110	19.52																
			CS-QU505-110	19.33																
			CS-QU500-110	19.14																
			CS-QU650-132	20.47																
			CS-QU645-132	20.31																
			CS-QU640-132	20.15																
iv	Mono PERC Bifacial C-Si Module	CS-QU650-132 (650 Wp)	CS-QU635-132	19.99	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
			CS-QU630-132	19.84																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					v	Mono PERC Bifacial C-Si Module	CS-QB575-120 (575 Wp)	CS-QB625-132	19.68	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
								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-HNS50-144	20.95																
								CS-HNS45-144	20.76																
								CS-HNS40-144	20.57																
								CS-HNS35-144	20.38																
								CS-HNS30-144	20.19																
								CS-HNS25-144	20																
								CS-HNS20-144	19.81																
								CS-HNS15-144	19.62																
								CS-HNS10-144	19.43																
								CS-HNS05-144	19.24																
								CS-HNS00-144	19.04																
								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-QB660-132	21.25																
								CS-QB665-132	21.41																
								CS-QB670-132	21.57																
								CS-QB675-132	21.73																
								CS-QB680-132	21.89																
								CS-QB685-132	22.05																
								CS-QB595-120	21.01																
								CS-QB600-120	21.2																
								CS-QB605-120	21.37																
								CS-QB610-120	21.54																
								CS-QB615-120	21.72																
								CS-QB620-120	21.9																
								CS-QB545-110	20.86																
								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																
								SGM-400	20.61																
								SGM-395	20.36																
								SGM-390	20.01																
								SGM-385	19.84																
								47	M/s. Ganesh Green Bharat Limited (Formerly Known as M/s. Ganesh Electrical Pvt.					Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsana - 382732, Gujarat	R-72005886	131	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)			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)				
	Ltd.)							SGM-380	19.58								
											SGM-375	19.33					
ii					Mono PERC C-Si Modules	SGM-345 (345 Wp)					SGM-345	19.3		66 (Full Cell)	1500	25.01.2023	24.01.2025
											SGM-340	19.02					
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
											SG-330	17.01					
											SG-325	16.75					
											SG-320	16.49					
											SG-315	16.23					
											SG-310	15.98					
											SG-300	15.46					
v					Multi C-Si Modules	SG-315 (315 Wp)								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					
											SGTP144-540	20.90					
											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					
											SGTP132-475	20.00					
											SGTP132-480	20.21					
											SGTP132-485	20.42					
											SGTP132-490	20.63					
											SGTP132-495	20.84					
											SGTP132-500	21.06					
											SGTP132-505	21.27					
											SGTP132-510	21.48					
											SGTP132-515	21.69					
											SGTP120-425	19.63					
											SGTP120-430	19.86					
											SGTP120-435	20.09					
											SGTP120-440	20.32					
											SGTP120-445	20.56					
											SGTP120-450	20.79					
											SGTP120-455	21.02					
											SGTP120-460	21.25					
											SGTP120-465	21.48					
											SGTP108-385	19.71					
											SGTP108-390	19.97					
											SGTP108-395	20.23					
											SGTP108-400	20.48					
											SGTP108-405	20.74					
											SGTP108-410	20.99					
											SGTP108-415	21.25					
											SGTP108-420	21.50					
											SGM1144-520	20.13					
											SGM1144-525	20.32					
											SGM1144-530	20.52					
											SGM1144-535	20.71					
											SGM1144-540	20.90					
											SGM1144-545	21.09					
											SGM1144-550	21.29					
											SGM1132-455	19.16					
											SGM1132-460	19.37					
											SGM1132-465	19.58					
											SGM1132-470	19.79					
											SGM1132-475	20.00					
											SGM1132-480	20.21					
											SGM1132-485	20.42					
											SGM1132-490	20.63					
											SGM1132-495	20.84					
											SGM1132-500	21.06					
											SGM1120-415	19.17					
											SGM1120-420	19.40					
											SGM1120-425	19.63					

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)						
					9	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-430	19.86	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025						
								SGMJ120-435	20.09										
								SGMJ120-440	20.32										
								SGMJ120-445	20.56										
								SGMJ120-450	20.79										
								SGMJ120-455	21.02										
					10	Mono c-Si PERC Module	SGMJ108-385 (385Wp)	SGMJ108-375	19.20	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025						
								SGMJ108-380	19.46										
								SGMJ108-385	19.71										
								SGMJ108-390	19.97										
								SGMJ108-395	20.23										
								H300P72	14.9					72 (Full Cell)	1500	25.01.2023	24.01.2025		
								H305P72	15.14										
								H310P72	15.39										
H315P72	15.64																		
H320P72	15.89																		
H325P72	16.14																		
ii	Multi C-Si Modules	H335P72 (335 Wp)	H330P72	16.39	72 (Full Cell)	1500	25.01.2023	24.01.2025											
			H335P72	16.63															
			H340P72	16.87															
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															
iv	Mono c-Si PERC Module	HS25M144 (525 Wp)	HS00M144	19.36	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025											
			HS05M144	19.55															
			HS10M144	19.74															
			HS15M144	19.94															
			HS20M144	20.13															
			HS25M144	20.32															
			HS30M144	20.52															
			HS35M144	20.71															
			HS40M144	20.9															
			HS45M144	21.1															
v	Mono c-Si PERC Module	H400M72 (400 Wp)	H385M72	19.11	72 (Full Cells)	1500	25.01.2023	24.01.2025											
			H390M72	19.36															
			H395M72	19.61															
			H400M72	19.86															
			H405M72	20.11															
			H410M72	20.36															
49	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	INV-P-24V-320wp	INV-P-24V-320wp	16.5	72 (Full Cell)	1500	25.01.2023	24.01.2025						
								ii	Multi C-Si Modules					INV-P-24V-260wp	15.97	72 (Cut Cell)	1500	25.01.2023	24.01.2025
								iii	Multi C-Si Modules					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	15.97	60 (Full Cell)	1500	25.01.2023	24.01.2025
								v	Multi C-Si Modules					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	14.9	36 (Cut Cell)	1000	25.01.2023	24.01.2025
								vii	Multi C-Si Modules					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	15.5	36 (Cut Cell)	1000	25.01.2023	24.01.2025
								ix	Multi C-Si Modules					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	13.6	36 (Cut Cell)	1000	25.01.2023	24.01.2025
								xi	Multi C-Si Modules					INV-P-12V-40wp	14.1	36 (Cut Cell)	1000	25.01.2023	24.01.2025
		xii	Mono c-Si PERC Modules	INV 535-144R M10 (535 Wp)	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													
xiii	Mono c-Si PERC Modules	INV 495-132R M10 (495 Wp)	INV 530-144R M10	20.54	(132 Half Cut Cells)	1500	08.07.2024	24.01.2025											
			INV 525-144R M10	20.34															
			INV 500-132R M10	21.06															
50	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)	INV 490-132R M10	20.64	36 (Cut Cells)	600	25.01.2023	24.01.2025						
								ii	Multi C-Si Modules					PS36CPD050Wp (50Wp)	13.76	36 (Cut Cells)	600	25.01.2023	24.01.2025
								iii	Multi C-Si Modules					PS36CPD055Wp (55 Wp)	15.15	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)
					iv	Multi C-Si Modules	PS36CPD060Wp (60Wp)	PS36CPD060Wp	16.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					v	Multi C-Si Modules	PS36CPD065Wp (65 Wp)	PS36CPD065Wp	17.9	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	PS36CPD070Wp (70 Wp)	PS36CPD070Wp	13.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	PS36CPD075Wp (75Wp)	PS36CPD075Wp	14.51	36 (Cut Cells)	600	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	PS36CPD080Wp (80 Wp)	PS36CPD080Wp	15.48	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	PS36CPD090Wp (90 Wp)	PS36CPD090Wp	14.91	36 (Cut Cells)	600	25.01.2023	24.01.2025
					x	Multi C-Si Modules	PS36CPD100Wp (100Wp)	PS36CPD100Wp	14.92	36 (Cut Cells)	1000	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD110Wp	16.42	36 (Cut Cells)	1000	25.01.2023	24.01.2025
								PS36CPD115Wp	14.43				
								PS36CPD120Wp	15.05				
					xii	Multi C-Si Modules	PS36CPD130Wp (130Wp)	PS36CPD125Wp	15.68	36 (Cut Cells)	1000	25.01.2023	24.01.2025
								PS36CPD130Wp	16.31				
					xiii	Multi C-Si Modules	PS36CPD140Wp (140 Wp)	PS36CPD140Wp	13.75	36 (Cut Cells)	1000	25.01.2023	24.01.2025
					xiv	Multi C-Si Modules	PS36FP155Wp (155 Wp)	PS36FP150Wp	14.73	36 (Full Cells)	1000	25.01.2023	24.01.2025
								PS36FP155Wp	15.22				
								PS36FP160Wp	15.72				
					xv	Multi C-Si Modules	PS36FP165Wp (165Wp)	PS36FP165Wp	16.21	36 (Full Cells)	1000	25.01.2023	24.01.2025
					xvi	Multi C-Si Modules	PS36FPD155Wp (155 Wp)	PS36FPD150Wp	14.73	36 (Full Cells)	1000	25.01.2023	24.01.2025
								PS36FPD155Wp	15.22				
								PS36FPD160Wp	15.72				
					xvii	Multi C-Si Modules	PS60FPD260Wp (260 Wp)	PS60FPD255Wp	15.48	60 (Full Cells)	1500	25.01.2023	24.01.2025
								PS60FPD255Wp	15.79				
PS60FPD260Wp	16.1												
xviii	Multi C-Si Modules	PS60FP260Wp (260 Wp)	PS60FPD265Wp	16.41	60 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS60FPD270Wp	16.72									
			PS60FP265Wp	16.41									
xix	Multi C-Si Modules	PS72FP320Wp (320 Wp)	PS72FP305Wp	15.44	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FP310Wp	15.7									
			PS72FP315Wp	15.95									
			PS72FP320Wp	16.2									
			PS72FP325Wp	16.46									
			PS72FP330Wp	16.71									
			PS72FP335Wp	16.96									
			PS72FP300Wp	15.19									
			PS72FP305Wp	15.44									
			PS72FP310Wp	15.7									
xx	Multi C-Si Modules	PS72FPD315Wp (315 Wp)	PS72FPD315Wp	15.95	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FPD320Wp	15.2									
			PS72FPD325Wp	16.46									
			PS72FPD330Wp	16.71									
			PS72FPD335Wp	16.96									
xxi	Mono C-Si Modules	PS72FMP360Wp (360Wp)	PS72FMP355Wp	17.97	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FMP360Wp	18.22									
			PS72FMP370Wp	18.73									
xxii	Mono C-Si Modules	PS72FMP390Wp (390 Wp)	PS72FMP380Wp	19.24	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PS72FMP390Wp	19.75									
51	M/s Urjastrot Enterprise Pvt Ltd	Survey No. 47, Nr. Ramdev Pir Temple, Bedwa, Anand-388320, Gujarat	R-72005673	43	i	Mono PERC C-Si Modules	USEL380MP72 (380 Wp)	USEL365MP72	18.39	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL370MP72	18.64				
								USEL375MP72	18.89				
								USEL380MP72	19.14				
								USEL385MP72	19.4				
								USEL390MP72	19.65				
								USEL395MP72	19.9				
								USEL305P72	15.72				
								USEL310P72	15.98				
								USEL315P72	16.23				
								USEL320P72	16.49				
								USEL325P72	16.75				
								USEL330P72	17.01				
								USEL335P72	17.26				
								52	M/s. Fujiyama Power Systems Private Limited				
UTL535-72M	20.55												
UTL530-72M	20.35												
UTL525-72M	20.15												
UTL520-72M	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 PERC C-Si Modules	UTL530-144M (530 Wp)	UTL540-144M 20.75 UTL535-144M 20.55 UTL530-144M 20.35 UTL525-144M 20.15 UTL520-144M 20		144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
					iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL440-72M 20.2 UTL435-72M 19.97 UTL430-72M 19.78 UTL425-72M 19.51		72 (Full Cell)	1500	27.02.2023	26.02.2025
					iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL440-144M 20.2 UTL435-144M 19.97 UTL430-144M 19.78 UTL425-144M 19.51		144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
					v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL400-72MI 20.06 UTL395-72MI 19.8 UTL385-72MI 19.3 UTL380-72MI 19.05		72 (Full Cell)	1500	27.02.2023	26.02.2025
					vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL400-72M 20.06 UTL395-72M 19.8 UTL390-72M 19.55 UTL385-72M 19.3 UTL380-72M 19.05		72 (Full Cell)	1500	27.02.2023	26.02.2025
					vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL335-72PI 16.89 UTL330-72PI 16.65		72 (Full Cell)	1500	27.02.2023	26.02.2025
					viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL335-72P 17.26 UTL330-72P 17.01		72 (Full Cell)	1500	27.02.2023	26.02.2025
					ix	Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL275-60PI 16.9 UTL270-60PI 16.6 UTL265-60PI 16.3		60 (Full Cell)	1500	27.02.2023	26.02.2025
					x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL275-60P 16.9 UTL270-60P 16.6 UTL265-60P 16.3		60 (Full Cell)	1500	27.02.2023	26.02.2025
					xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL200-36MI 19.7 UTL195-36MI 19.2 UTL190-36MI 18.75		36 (Full Cell)	1500	27.02.2023	26.02.2025
					xii	Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL205-36M 20.2 UTL200-36M 19.7 UTL195-36M 19.2 UTL190-36M 18.75		36 (Full Cell)	1500	27.02.2023	26.02.2025
					xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL165-36PI 16.7 UTL160-36PI 16.15 UTL155-36PI 15.65		36 (Full Cell)	1500	27.02.2023	26.02.2025
					iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI 15.15		36 (Full Cell)	1500	27.02.2023	26.02.2025
					v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL185-36P 16.7 UTL180-36P 16.15 UTL155-36P 15.65		36 (Full Cell)	1500	27.02.2023	26.02.2025
					vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL150-36P 15.15		36 (Full Cell)	1500	27.02.2023	26.02.2025
					vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI 16.78		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P 16.78		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P 16.38 UTL105-36P 15.63 UTL100-36P 14.89		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI 16.38 UTL105-36PI 15.63 UTL100-36PI 14.89		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI 16.6		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI 15.62		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P 16.6		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P 15.62		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P 14.65		36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI 14.65		36 (Cut Cell)	1500	27.02.2023	26.02.2025

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	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
					xxxix	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
					xxxii	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxxiii	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
53	M/s. Genus Innovation Limited	SPL-2B, RICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	R-84003395	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72 GM365F72 GM370F72 GM375F72 GM380F72 GM385F72	18.55 18.81 19.07 19.33 19.58 19.84	72 (Full Cells)	1500	27.02.2023	26.02.2025
					ii	Multi C-Si Module	GI320F72 (320 Wp)	GI305F72 GI310F72 GI315F72 GI320F72 GI325F72 GI330F72 GI335F72	15.72 15.98 16.23 16.49 16.75 17.01 17.27	72 (Full Cells)	1500	27.02.2023	26.02.2025
					iii	Multi C-Si Module	GI165F36 (165 Wp)	GI165F36 GI170F36	16.71 17.22	36 (Full Cells)	1000	27.02.2023	26.02.2025
					iv	Multi C-Si Module	GI150F36 (150 Wp)	GI150F36	15.19	36 (Full Cells)	1000	27.02.2023	26.02.2025
54	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10 SS 540-144R M10 SS 535-144R M10 SS 530-144R M10 SS 525-144R M10	21.12 20.92 20.73 20.54 20.34	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 500-132R M10 SS 495-132R M10 SS 490-132R M10	21.06 20.85 20.64	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
55	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonapat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP RSL72FM-380WP RSL72FM-370WP	19.6 19.4 19.2	72 (Full Cell)	1500	31.05.2023	30.05.2027
					ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL600M RSL595M RSL590M RSL585M RSL580M RSL575M RSL570M	21.28 21.11 20.94 20.77 20.60 20.40 22.07	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL565M RSL560M RSL555M RSL550M RSL545M RSL540M RSL535M RSL530M RSL525M	21.87 21.68 21.49 21.30 21.10 20.91 20.72 20.51 20.33	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL520M RSL515M RSL510M RSL505M RSL500M RSL495M RSL490M RSL485M RSL480M RSL475M	21.70 21.48 21.28 21.06 20.86 20.65 20.44 20.23 20.03 19.81	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL470M RSL465M RSL460M	19.61 19.40 19.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL455M RSL450M RSL445M RSL440M RSL435M RSL430M RSL425M RSL420M RSL395M	20.82 20.59 20.35 20.13 19.89 19.68 19.44 19.22 20.03	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Mono c-Si PERC Module	RSL380M (380 Wp)	RSL390M 19.76 RSL385M 19.51 RSL380M 19.26 RSL375M 19.01		108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					viii	Mono c-Si PERC Module	RSL345M (345 Wp)	RSL360M 20.48 RSL355M 20.20 RSL350M 19.92 RSL345M 19.63 RSL340M 19.35 RSL335M 19.07		96 (Half Cut Cell)	1500	31.05.2023	30.05.2027
56	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, Kuppapalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	R-61003433	627	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	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 SWM11BN4495 20.71 SWM11BN4490 20.5 SWM11BN4485 20.29 SWM11BN4480 20.09 SWM11BN4475 19.87 SWM11BN4470 19.66 SWM11BN4465 19.46 SWM11BN4460 19.25 SWM11BN4455 19.04 SWM11BN2450 20.65 SWM11BN2445 20.42 SWM11BN2440 20.19 SWM11BN2435 19.96 SWM11BN2430 19.73 SWM11BN2425 19.5 SWM11BN2420 19.27 SWM11BN2415 19.04 SWM11BN0405 20.57 SWM11BN0400 20.32 SWM11BN0395 20.06 SWM11BN0390 19.81 SWM11BN0385 19.55 SWM11BN0380 19.3 SWM11BN0375 19.05 SWM11BN0370 19.20 SWM11BN0360 19.46 SWM11BN0355 19.71 SWM11BN0350 19.97 SWM11BN0345 20.22 SWM11BN0400 20.48 SWM11BN0405 20.74 SWM11BN0410 20.99 SWM11BN2415 19.17 SWM11BN2420 19.40 SWM11BN2425 19.63 SWM11BN2430 19.86 SWM11BN2435 20.10 SWM11BN2440 20.32 SWM11BN2445 20.56 SWM11BN2450 20.79 SWM11BN2455 21.02 SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4495 20.71 SWM11BN4490 20.5 SWM11BN4485 20.29 SWM11BN4480 20.09 SWM11BN4475 19.87 SWM11BN4470 19.66 SWM11BN4465 19.46 SWM11BN4460 19.25 SWM11BN4455 19.04 SWM11BN2450 20.65 SWM11BN2445 20.42 SWM11BN2440 20.19 SWM11BN2435 19.96 SWM11BN2430 19.73 SWM11BN2425 19.5 SWM11BN2420 19.27 SWM11BN2415 19.04 SWM11BN0405 20.57 SWM11BN0400 20.32 SWM11BN0395 20.06 SWM11BN0390 19.81 SWM11BN0385 19.55 SWM11BN0380 19.3 SWM11BN0375 19.05 SWM11BN0370 19.20 SWM11BN0360 19.46 SWM11BN0355 19.71 SWM11BN0350 19.97 SWM11BN0345 20.22 SWM11BN0400 20.48 SWM11BN0405 20.74 SWM11BN0410 20.99 SWM11BN2415 19.17 SWM11BN2420 19.40 SWM11BN2425 19.63 SWM11BN2430 19.86 SWM11BN2435 20.10 SWM11BN2440 20.32 SWM11BN2445 20.56 SWM11BN2450 20.79 SWM11BN2455 21.02 SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN2450 20.65 SWM11BN2445 20.42 SWM11BN2440 20.19 SWM11BN2435 19.96 SWM11BN2430 19.73 SWM11BN2425 19.5 SWM11BN2420 19.27 SWM11BN2415 19.04 SWM11BN0405 20.57 SWM11BN0400 20.32 SWM11BN0395 20.06 SWM11BN0390 19.81 SWM11BN0385 19.55 SWM11BN0380 19.3 SWM11BN0375 19.05 SWM11BN0370 19.20 SWM11BN0360 19.46 SWM11BN0355 19.71 SWM11BN0350 19.97 SWM11BN0345 20.22 SWM11BN0400 20.48 SWM11BN0405 20.74 SWM11BN0410 20.99 SWM11BN2415 19.17 SWM11BN2420 19.40 SWM11BN2425 19.63 SWM11BN2430 19.86 SWM11BN2435 20.10 SWM11BN2440 20.32 SWM11BN2445 20.56 SWM11BN2450 20.79 SWM11BN2455 21.02 SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN0395 20.06 SWM11BN0390 19.81 SWM11BN0385 19.55 SWM11BN0380 19.3 SWM11BN0375 19.05 SWM11BN0370 19.20 SWM11BN0360 19.46 SWM11BN0355 19.71 SWM11BN0350 19.97 SWM11BN0345 20.22 SWM11BN0400 20.48 SWM11BN0405 20.74 SWM11BN0410 20.99 SWM11BN2415 19.17 SWM11BN2420 19.40 SWM11BN2425 19.63 SWM11BN2430 19.86 SWM11BN2435 20.10 SWM11BN2440 20.32 SWM11BN2445 20.56 SWM11BN2450 20.79 SWM11BN2455 21.02 SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					v	Mono c-Si PERC Module	SWM11BB0385 (385 Wp)	SWM11BB0395 20.22 SWM11BB0400 20.48 SWM11BB0405 20.74 SWM11BB0410 20.99 SWM11BN2415 19.17 SWM11BN2420 19.40 SWM11BN2425 19.63 SWM11BN2430 19.86 SWM11BN2435 20.10 SWM11BN2440 20.32 SWM11BN2445 20.56 SWM11BN2450 20.79 SWM11BN2455 21.02 SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					vi	Mono c-Si PERC Module	SWM11BB2435 (435 Wp)	SWM11BB2455 21.02 SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					vii	Mono c-Si PERC Module	SWM11BB4470 (470 Wp)	SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					viii	Mono c-Si PERC Module	SWM11BB4500 (500 Wp)	SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					ix	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB4455 19.16 SWM11BB4460 19.37 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 SWM11BB6505 19.55 SWM11BB6510 19.74 SWM11BB6515 19.94 SWM11BB6520 20.13 SWM11BB6525 20.32 SWM11BB6530 20.52 SWM11BB6535 20.71		144 (Half Cut Cells)	1500	31.05.2023	30.05.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SWM11BB6540	20.90				
								SWM11BB6545	21.10				
								SWM11BB6550	21.29				
								SWM11BB8540	19.32				
								SWM11BB8545	19.50				
								SWM11BB8550	19.67				
								SWM11BB8555	19.85				
					x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8560	20.03	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB8565	20.21				
								SWM11BB8570	20.39				
								SWM11BB8575	20.57				
								SWM11BB8580	20.75				
								SWM11BB8585	20.93				
								SWM11BB8590	21.11				
					xi	Mono c-Si PERC Module	SWM11BB8595 (595 Wp)	SWM11BB8595	21.28	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT0375	19.20				
								SWM11BT0380	19.46				
								SWM11BT0385	19.71				
								SWM11BT0390	19.97				
					xii	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0395	20.22	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT0400	20.48				
								SWM11BT0405	20.74				
								SWM11BT0410	20.99				
								SWM11BT2415	19.17				
								SWM11BT2420	19.40				
								SWM11BT2425	19.63				
								SWM11BT2430	19.86				
					xiii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT2435	20.10	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT2440	20.32				
								SWM11BT2445	20.56				
								SWM11BT2450	20.79				
								SWM11BT2455	21.02				
								SWM11BT4455	19.16				
								SWM11BT4460	19.37				
								SWM11BT4465	19.58				
					xiv	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT4470	19.79	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT4475	20.00				
								SWM11BT4480	20.21				
								SWM11BT4485	20.42				
								SWM11BT4490	20.63				
								SWM11BT4495	20.84				
					xv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4500	21.06	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT6500	19.35				
								SWM11BT6505	19.55				
								SWM11BT6510	19.74				
								SWM11BT6515	19.94				
								SWM11BT6520	20.13				
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT6525	20.32	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT6530	20.52				
								SWM11BT6535	20.71				
								SWM11BT6540	20.90				
								SWM11BT6545	21.10				
								SWM11BT6550	21.29				
								SWM11BT8540	19.32				
								SWM11BT8545	19.50				
								SWM11BT8550	19.67				
								SWM11BT8555	19.85				
					xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT8560	20.03	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BT8565	20.21				
								SWM11BT8570	20.39				
								SWM11BT8575	20.57				
								SWM11BT8580	20.75				
								SWM11BT8585	20.93				
								SWM11BT8590	21.11				
					xviii	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8595	21.28	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BN6545	20.96				
					xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BN6550	21.15	144 (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				
					xx	Mono c-Si PERC Module	SWM11BN8560 (560 Wp)	SWM11BN8560	19.92	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BN8565	20.10				
								SWM11BN8570	20.28				
								SWM11BN8575	20.46				
								SWM11BN8580	20.63				
								SWM11BN8585	20.81				
								SWM11BN8590	20.99				
					xxi	Mono c-Si PERC Module	SWM11BN8595 (595 Wp)	SWM11BN8590	20.99	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
57	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)	SWM11BN8595	21.17	72 (Full Cell)	1500	31.05.2023	30.05.2027							
								SL72M6-380	19.15											
								SL72M6-385	19.4											
								SL72M6-390	19.64											
								SL72M6-395	19.9											
								SL72M6-400	20.15											
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL72M6-405	20.4	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027							
								SL144HC-505	19.54											
								SL144HC-510	19.73											
								SL144HC-515	19.93											
								SL144HC-520	20.12											
								SL144HC-525	20.31											
								SL144HC-530	20.5											
								SL144HC-535	20.7											
								SL144HC-540	20.97											
								SL144HC-545	21.08											
								SL144HC-550	21.28											
								SL144HC-555	21.47											
58	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											
								INA-144MHC-WF-545	21.11											
					ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-TF-520	20.14	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								INA-144MHC-TF-525	20.33											
								INA-144MHC-TF-530	20.53											
								INA-144MHC-TF-535	20.72											
								INA-144MHC-TF-540	20.91											
								INA-144MHC-TF-545	21.11											
					iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-132MHC-WF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								INA-132MHC-WF-485	20.41											
								INA-132MHC-WF-490	20.62											
								INA-132MHC-WF-495	20.83											
								INA-132MHC-WF-500	21.04											
								INA-132MHC-TF-480	20.19											
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-485	20.41	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								INA-132MHC-TF-490	20.62											
								INA-132MHC-TF-495	20.83											
								INA-132MHC-TF-500	21.04											
								INA-120MHC-WF-435	20.04											
								INA-120MHC-WF-440	20.27											
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-445	20.5	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								INA-120MHC-WF-450	20.73											
								INA-120MHC-TF-435	20.04											
								INA-120MHC-TF-440	20.27											
								INA-120MHC-TF-445	20.5											
								INA-120MHC-TF-450	20.73											
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-445	20.5	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								INA-120MHC-TF-450	20.73											
								INA-108MHC-WF-390	19.86											
								vii	Mono PERC c-Si Modules					INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-395	20.11	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
															INA-108MHC-WF-400	20.37				
															INA-108MHC-WF-405	20.62				
					INA-108MHC-TF-390	19.86														
					INA-108MHC-TF-395	20.11														
					INA-108MHC-TF-400	20.37														
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-TF-405	20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								INA-144MHC-WF-550	21.29											
								ix	Mono c-Si PERC Module					INA-144MHC-WF-555	INA-144MHC-WF-555	21.48	144 Half Cut Cells	1500	31.05.2023	30.05.2027
															INA-144MHC-WF-560	21.68				
															INA-144MHC-TF-550	21.29				
															INA-144MHC-TF-555	21.48				
					INA-144MHC-TF-560	21.68														
					59	M/s. Australian Premium Solar (India) Pvt. Ltd	Tajpur, National Highway No. 08, Ta: Prantij, Dist: Sabarkantha - 383205, Gujarat			R-72001791	25	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																			
APSAM-490/132	20.64																			
ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-485/132	20.43				132 (Half Cut Cell)	1500			01.09.2023	31.08.2027							
			APSAM-480/132	20.22																
			APSAM-475/132	20.01																
			APSAM-450/120	20.73																
			APSAM-445/120	20.50																
			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

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	APSAM-400/108 (400Wp)	APSAM-440/120	20.27	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-435/120	20.04				
								APSAM-410/108	20.98				
								APSAM-405/108	20.72				
								APSAM-400/108	20.47				
								APSAM-395/108	20.21				
					v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-390/108	19.96	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-365/96	20.92				
								APSAM-360/96	20.64				
								APSAM-355/96	20.35				
								APSAM-350/96	20.06				
								APSAM-275/72	20.82				
					vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-270/72	20.45	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-265/72	20.07				
								APSAM-260/72	19.69				
								Orb410M66-15	21.02				
								Orb405M66-15	20.77				
								Orb400M66-15	20.51				
60	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
								Orb395M66-15	20.25				
								Orb390M66-15	20.00				
								Orb450M72-15	21.19				
								Orb445M72-15	20.95				
								Orb440M72-15	20.72				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb435M72-15	20.48	72 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
								SMF72HM10-505	19.55				
								SMF72HM10-510	19.74				
								SMF72HM10-515	19.94				
61	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)	SMF72HM10-520	20.13	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
								SMF72HM10-535	20.71				
								SMF72HM10-540	20.91				
								SMF72HM10-545	21.10				
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-550	21.30	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-555	21.49				
								SMF872HM10-500	19.36				
								SMF872HM10-505	19.55				
								SMF872HM10-510	19.74				
								SMF872HM10-515	19.94				
iii	Mono c-Si PERC Module	SMF872HM10-510 (510Wp)	SMF872HM10-520	20.13	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF872HM10-525	20.32									
			SMF872HM10-530	20.52									
			SMF872HM10-535	20.71									
			SMF872HM10-540	20.91									
			SMF872HM10-545	21.10									
iv	Mono c-Si PERC Module	SMF872HM10-540 (540Wp)	SMF872HM10-550	21.30	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF872HM10-555	21.49									
			SMF66HM10-460	19.37									
			SMF66HM10-465	19.59									
			SMF66HM10-470	19.80									
			SMF66HM10-475	20.02									
v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-480	20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF66HM10-485	20.44									
			SMF66HM10-490	20.65									
			SMF66HM10-495	20.86									
			SMF66HM10-500	21.07									
			SMF66HM10-505	21.28									
vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	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									
vii	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	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									
ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMF60HM10-430	19.83	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
			SMF60HM10-435	20.06									
			SMF60HM10-440	20.29									
			SMF60HM10-445	20.51									
			SMF60HM10-450	20.75									
			SMF60HM10-455	20.98									
			SMF60HM10-460	21.21									
			SMF60HM10-420	19.37									
			SMF60HM10-425	19.61									

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	SMFB60HM10-440 (440Wp)	SMFB60HM10-430 SMFB60HM10-435 SMFB60HM10-440 SMFB60HM10-445 SMFB60HM10-450 SMFB60HM10-455 SMFB60HM10-460	19.83 20.06 20.29 20.51 20.75 20.98 21.21	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xi	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375 SMF54HM10-380 SMF54HM10-385 SMF54HM10-390 SMF54HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xii	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400 SMF54HM10-405 SMF54HM10-410 SMF54HM10-415	20.49 20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiii	Mono c-Si PERC Module	SMFB54HM10-385 (385Wp)	SMFB54HM10-375 SMFB54HM10-380 SMFB54HM10-385 SMFB54HM10-390 SMFB54HM10-395 SMFB54HM10-400	19.20 19.46 19.73 19.98 20.23 20.49	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiv	Mono c-Si PERC Module	SMFB54HM10-405 (405Wp)	SMFB54HM10-405 SMFB54HM10-410 SMFB54HM10-415	20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xv	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-335 SMF48HM10-340 SMF48HM10-345 SMF48HM10-350	19.21 19.50 19.78 20.06	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xvi	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-355 SMF48HM10-360 SMF48HM10-365 SMF48HM10-370	20.34 20.62 20.91 21.19	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xvii	Mono c-Si PERC Module	SMFB48HM10-345 (345Wp)	SMFB48HM10-335 SMFB48HM10-340 SMFB48HM10-345 SMFB48HM10-350	19.21 19.50 19.78 20.06	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xviii	Mono c-Si PERC Module	SMFB48HM10-365 (365Wp)	SMFB48HM10-355 SMFB48HM10-360 SMFB48HM10-365 SMFB48HM10-370	20.34 20.62 20.91 21.19	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xix	Mono c-Si PERC Module	SMF42HM10-305 (305Wp)	SMF42HM10-295 SMF42HM10-300 SMF42HM10-305 SMF42HM10-310 SMF42HM10-315 SMF42HM10-320	19.21 19.54 19.88 20.2 20.5 20.8	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xx	Mono c-Si PERC Module	SMFB42HM10-305 (305Wp)	SMFB42HM10-295 SMFB42HM10-300 SMFB42HM10-305 SMFB42HM10-310 SMFB42HM10-315 SMFB42HM10-320	19.21 19.54 19.88 20.2 20.5 20.8	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxi	Mono c-Si PERC Module	SMF36HM10-265 (265Wp)	SMF36HM10-255 SMF36HM10-260 SMF36HM10-265 SMF36HM10-270 SMF36HM10-275	19.25 19.63 19.99 20.36 20.73	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxii	Mono c-Si PERC Module	SMFB36HM10-265 (265Wp)	SMFB36HM10-255 SMFB36HM10-260 SMFB36HM10-265 SMFB36HM10-270 SMFB36HM10-275	19.25 19.63 19.99 20.36 20.73	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxiii	Bifacial Mono c-Si PERC Modules	SMB72HM10-525 (525Wp)	SMB72HM10-500 SMB72HM10-505 SMB72HM10-510 SMB72HM10-515 SMB72HM10-520 SMB72HM10-525 SMB72HM10-530 SMB72HM10-535 SMB72HM10-540 SMB72HM10-545 SMB72HM10-550 SMBB72HM10-500 SMBB72HM10-505 SMBB72HM10-510 SMBB72HM10-515 SMBB72HM10-520	19.36 19.55 19.74 19.94 20.13 20.32 20.52 20.71 20.91 21.10 21.30 19.36 19.55 19.74 19.94 20.13	144 (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)
					xxiv	Bifacial Mono c-Si PERC Modules	SMBB72HM10-525 (525Wp)	SMBB72HM10-525 SMBB72HM10-530 SMBB72HM10-535 SMBB72HM10-540 SMBB72HM10-545 SMBB72HM10-550	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 SMB66HM10-480	19.16 19.37 19.59 19.80 20.02 20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-485 SMB66HM10-490 SMB66HM10-495 SMB66HM10-500	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	20.24 20.44 20.65 20.86	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	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 SMBB60HM10-450	19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxi	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-375 SMB54HM10-380 SMB54HM10-385 SMB54HM10-390	19.2 19.46 19.73 19.98	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxii	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-395 SMB54HM10-400 SMB54HM10-405	20.23 20.49 20.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiii	Bifacial Mono c-Si PERC Modules	SMBB54HM10-385 (385Wp)	SMBB54HM10-375 SMBB54HM10-380 SMBB54HM10-385	19.20 19.46 19.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiv	Bifacial Mono c-Si PERC Modules	SMBB54HM10-405 (405Wp)	SMBB54HM10-395 SMBB54HM10-400 SMBB54HM10-405 SMBB54HM10-410	20.23 20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxv	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMB48HM10-335 SMB48HM10-340 SMB48HM10-345 SMB48HM10-350 SMB48HM10-355 SMB48HM10-360 SMB48HM10-365	19.21 19.50 19.78 20.06 20.34 20.62 20.91	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvi	Bifacial Mono c-Si PERC Modules	SMBB48HM10-350 (350Wp)	SMBB48HM10-335 SMBB48HM10-340 SMBB48HM10-345 SMBB48HM10-350 SMBB48HM10-355 SMBB48HM10-360 SMBB48HM10-365	19.21 19.50 19.78 20.06 20.34 20.62 20.91	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvii	Bifacial Mono c-Si PERC Modules	SMB42HM10-305 (305Wp)	SMB42HM10-295 SMB42HM10-300 SMB42HM10-305 SMB42HM10-310 SMB42HM10-315 SMB42HM10-320	19.21 19.54 19.88 20.20 20.50 20.80	84 (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)					
					xxxviii	Bifacial Mono c-Si PERC Modules	SMBB42HM10-305 (305Wp)	SMBB42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
								SMBB42HM10-300	19.54									
								SMBB42HM10-305	19.88									
								SMBB42HM10-310	20.20									
					xxxix	Bifacial Mono c-Si PERC Modules	SMB36HM10-265 (265Wp)	SMBB42HM10-315	20.50	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
								SMBB42HM10-320	20.80									
								SMB36HM10-255	19.25									
								SMB36HM10-260	19.63									
					xl	Bifacial Mono c-Si PERC Modules	SMBB36HM10-265 (265Wp)	SMB36HM10-265	19.66	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027					
								SMB36HM10-270	20.36									
								SMB36HM10-275	20.73									
								SMB36HM10-270	20.36									
xli	Bifacial Mono c-Si PERC Modules	SMBB36HM10-265 (265Wp)	SMB36HM10-275	20.73	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027										
			SMB36HM10-270	20.36														
			SMB36HM10-255	19.25														
			SMB36HM10-260	19.63														
xlii	Mono c-Si PERC Module	JKM-SMF-540P-72HL4-V (540Wp)	SMB36HM10-260	19.63	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027										
			SMB36HM10-275	20.73														
			SMB36HM10-270	20.36														
			SMB36HM10-275	20.73														
62	M/s. Goldi Solar Pvt Limited	Block No:149, Plot No: 1&K1, Beside IOC petrol Pump, National Highway No 8, Pipodara, Surat-394110, Gujarat	R-72001805	396	i	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	JKM-SMF-530P-72HL4-V	20.52	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								JKM-SMF-535P-72HL4-V	20.71									
								JKM-SMF-540P-72HL4-V	20.91									
								JKM-SMF-545P-72HL4-V	21.10									
								JKM-SMF-550P-72HL4-V	21.30									
								JKM-SMF-555P-72HL4-V	21.50									
					ii	Mono c-Si PERC Module	GS10-M132-WF-490, (490Wp)	GS10-M144-WF-500	19.36	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								GS10-M144-WF-505	19.56									
								GS10-M144-WF-510	19.75									
								GS10-M144-WF-515	19.94									
								GS10-M144-WF-520	20.14									
								GS10-M144-WF-525	20.33									
63	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)	GS10-M144-WF-530	20.53	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								GS10-M144-WF-535	20.73									
								GS10-M144-WF-540	20.92									
								GS10-M144-WF-545	21.12									
					ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	GS10-M144-WF-550	21.31	156 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								GS10-M132-WF-480	20.22									
								GS10-M132-WF-485	20.43									
								GS10-M132-WF-490	20.64									
					iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	GS10-M132-WF-495	20.85	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								GS10-M132-WF-500	21.06									
								GS10-M132-WF-505	21.28									
								TP455HGZ(H)	20.46									
iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP450HGZ(H)	20.23	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027										
			TP445HGZ(H)	20.01														
			TP440HGZ(H)	19.78														
			TP435HGZ(H)	19.56														
v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP430HGZ(H)	19.34	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027										
			TP425HGZ(H)	19.11														
			TP595LG10	21.26														
			TP590LG10	21.18														
					ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP585LG10	21.00	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP580LG10	20.83									
								TP575LG10	20.65									
								TP570LG10	20.47									
					iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP565LG10	20.29	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP560LG10	20.11									
								TP555LG10	19.93									
								TP550HG10	21.34									
					iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP545HG10	20.14	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP540HG10	20.95									
								TP535HG10	20.76									
								TP530HG10	20.56									
v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP525HG10	20.37	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027										
			TP520HG10	20.17														
			TP515HG10	19.98														
			TP510HG10	19.79														
					iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP505HG10	19.59	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP500VG10	20.82									
								TP495VG10	20.61									
								TP490VG10	20.40									
					v	Mono c-Si PERC Module	TP440MG10, (440Wp)	TP485VG10	20.19	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP480VG10	19.98									
								TP475VG10	19.77									
								TP470VG10	19.57									
													TP465VG10	19.36	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027
													TP460VG10	19.15				
													TP455MG10	20.81				
													TP450MG10	20.58				
								TP445MG10	20.35	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP440MG10	20.12									
								TP435MG10	19.89									
								TP430MG10	19.66									
								TP425MG10	19.43	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
								TP420MG10	19.21									
								TP415MG10	19.00									
								TP410SG10	20.72									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono c-Si PERC Module	TP400SG10, (400Wp)	TP405SG10	20.47	108 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP400SG10	20.21				
								TP395SG10	19.96				
								TP390SG10	19.71				
								TP385SG10	19.46				
					vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP480VG10TB (480 Wp)	TP460VG10TB	19.19	132 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP465VG10TB	19.40				
								TP470VG10TB	19.60				
								TP475VG10TB	19.81				
								TP480VG10TB	20.02				
								TP485VG10TB	20.23				
								TP490VG10TB	20.44				
								TP495VG10TB	20.65				
								TP500VG10TB	20.86				
								TP420MG10TB	19.21				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP425MG10TB	19.44	120 (Half Cut Cells)	1500	20.09.2023	19.09.2027
								TP430MG10TB	19.67				
								TP435MG10TB	19.90				
								TP440MG10TB	20.12				
								TP445MG10TB	20.35				
								TP450MG10TB	20.58				
								TP455MG10TB	20.81				
								TP505HG10TB	19.59				
								TP510HG10TB	19.78				
								ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)				
					TP520HG10TB	20.17							
					TP525HG10TB	20.37							
					TP530HG10TB	20.56							
					TP535HG10TB	20.75							
					TP540HG10TB	20.95							
					TP545HG10TB	21.14							
					TP550HG10TB	21.34							
					TP555LG10B	19.93							
					x	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP570LG10B (570 Wp)			TP560LG10B	20.11	156 (Half Cut Cells)	1500
								TP565LG10B	20.29				
								TP570LG10B	20.47				
								TP575LG10B	20.64				
								TP580LG10B	20.82				
								TP585LG10B	21.00				
								TP590LG10B	21.18				
								TP595LG10B	21.36				
								TP505HG10B	19.59				
								xi	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP530HG10B (530 Wp)	TP510HG10B		
					TP515HG10B	19.98							
					TP520HG10B	20.17							
					TP525HG10B	20.37							
					TP530HG10B	20.56							
					TP535HG10B	20.75							
					TP540HG10B	20.95							
					TP545HG10B	21.14							
					TP550HG10B	21.34							
					xii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP480VG10B (480 Wp)				TP460VG10B	19.19	132 (Half Cut Cells)
								TP465VG10B	19.40				
								TP470VG10B	19.60				
								TP475VG10B	19.81				
								TP480VG10B	20.02				
								TP485VG10B	20.23				
								TP490VG10B	20.44				
								TP495VG10B	20.65				
								TP500VG10B	20.86				
								xiii	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP435MG10B (435 Wp)	TP420MG10B	19.21	
					TP425MG10B	19.44							
					TP430MG10B	19.67							
					TP435MG10B	19.90							
					TP440MG10B	20.12							
					TP445MG10B	20.35							
					TP450MG10B	20.58							
					TP455MG10B	20.81							
					TP500HG10B	19.40							
					xiv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP525HG10B (525 Wp)				TP505HG10B	19.59	144 (Half Cut Cells)
								TP505HG10B	19.59				
								TP510HG10B	19.78				
								TP515HG10B	19.98				
								TP520HG10B	20.17				
								TP525HG10B	20.37				
								TP530HG10B	20.56				
								TP535HG10B	20.75				
								TP540HG10B	20.95				
								xv	Bifacial Mono c-Si PERC Module	TP550HG10B (550 Wp)	TP545HG10B	21.14	
					TP550HG10B	21.34							
					Co-ALMM with M/s.TP Solar Limited		R-61004499	4000 MW for 2 Year (As per Co-Branding Agreement)	Manufacturing Address: Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu- 627352, India				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (In Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
						(Glass to Glass)		TP555HG10B TP555LG10B TP560LG10B TP565LG10B TP570LG10B TP575LG10B TP580LG10B TP585LG10B TP590LG10B TP595LG10B	21.53 19.93 20.11 20.29 20.47 20.64 20.82 21.00 21.18 21.36					
					xvi	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP585LG10B (585 Wp)				156 (Half Cut Cells)	1500	28.08.2024	20.02.2025
		Co-ALMM with M/s.Vikram Solar Limited Manufacturing Address: B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu, India	R-61003158	2000 MW for 2 Year (As per Co-branding Agreement)	xvii	Mono c-Si PERC Modules	TP535HG10V (535 Wp)	TP520HG10V TP525HG10V TP530HG10V TP535HG10V TP540HG10V TP545HG10V TP550HG10V	20.15 20.16 20.36 20.55 20.75 20.94 21.13 21.33		144 Half Cut Cells	1500	28.08.2024	16.10.2024
					xviii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	TP535HG10VBI (535 Wp)	TP505HG10VBI TP510HG10VBI TP515HG10VBI TP520HG10VBI TP525HG10VBI TP530HG10VBI TP535HG10VBI TP540HG10VBI TP545HG10VBI TP550HG10VBI	19.58 19.78 19.97 20.16 20.36 20.55 20.75 20.94 21.13 21.33		144 Half Cut Cells	1500	28.08.2024	16.10.2024
					xix	Bifacial Mono c-Si PERC Modules (Glass to Glass)	TP580LG10VB (580 Wp)	TP570LG10VB TP575LG10VB TP580LG10VB TP585LG10VB TP590LG10VB	20.47 20.64 20.82 21.00 21.18		156 Half Cut Cells	1500	28.08.2024	16.10.2024
64	M/s. Surya International Enterprise Private Limited	Plot No. S4-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa	R-52000175	77	i	Mono PERC c-Si Modules	SI565M10-156 (565)	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 SI450M10-120 SI445M10-120 SI440M10-120	20.84 20.63 20.41 20.2 19.99 19.78 19.57 19.36 19.15 20.78 20.55 20.31	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027	
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)	SI435M10-120 SI430M10-120 SI425M10-120 SI420M10-120 SI415M10-120 SI405M10-108 SI400M10-108 SI395M10-108 SI390M10-108 SI385M10-108 SI380M10-108 SI375M10-108 SI365M10-96 SI360M10-96 SI355M10-96 SI350M10-96	20.08 19.85 19.62 19.39 19.16 20.69 20.44 20.18 19.93 19.67 19.41 19.16 20.87 20.59 20.3 20.02	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027	
					v	Mono PERC C-Si Modules	SI390M10-108 (390)				108 (Half Cut Cell)	1500	16.11.2023	15.11.2027
					vi	Mono PERC C-Si Modules	SI345M10-96 (350)				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 (30S)	SI340M10-96	19.44	84 (Half Cut Cell)	1500	16.11.2023	15.11.2027								
								SI335M10-96	19.16												
								SI320M10-84	20.78												
								SI315M10-84	20.45												
								SI310M10-84	20.13												
								SI305M10-84	19.8												
					viii	Mono PERC C-Si Modules	SI260M10-72 (260)	SI300M10-84	19.48	72 (Full Cell)	1500	16.11.2023	15.11.2027								
								SI295M10-84	19.15												
								SI270M10-72	20.38												
								SI265M10-72	20.01												
								SI260M10-72	19.63												
								SI255M10-72	19.25												
					ix	Mono PERC C-Si Modules	SI230M10-64 (230)	SI240M10-64	19.99	64 (Full Cell)	1500	16.11.2023	15.11.2027								
								SI235M10-64	19.61												
								SI230M10-64	19.24												
								ISSM10-500-144	19.92												
								ISSM10-505-144	20.12												
								ISSM10-510-144	20.23												
65	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)	ISSM10-515-144	20.28	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027								
								ISSM10-520-144	20.38												
								ISSM10-525-144	20.47												
								ISSM10-530-144	20.51												
								ISSM10-535-144	20.59												
								ISSM10-540-144	20.67												
								ISSM10-545-144	20.71												
								ISSM10-550-144	20.83												
								RPS2MH72MB515	19.93					144 (Half Cut Cell)	1500	16.11.2023	15.11.2027				
								RPS2MH72MB520	20.13												
								RPS2MH72MB525	20.32												
								RPS2MH72MB530	20.52												
								RPS2MH72MB535	20.71												
								RPS2MH72MB540	20.9												
								RPS2MH72MB545	21.1												
								RPS2MH72MB550	21.29												
								RPS2MH72BD515	19.93									144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72BD520	20.13												
RPS2MH72BD525	20.32																				
RPS2MH72BD530	20.52																				
RPS2MH72BD535	20.71																				
RPS2MH72BD540	20.9																				
RPS2MH72BD545	21.1																				
RPS2MH72BD550	21.29																				
66	M/s. ReNew Photovolotics Private Limited	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan	R-84003778	2842	i	Mono PERC C-Si Modules	RPS2MH72MB530 (530Wp)	AS-555-HM156	19.88	156 Half Cut Cells	1500	24.01.2024	23.01.2028								
								AS-560-HM156	20.05												
								AS-565-HM156	20.22												
								AS-570-HM156	20.40												
								AS-575-HM156	20.59												
								AS-580-HM156	20.78												
					AS-585-HM156	20.96	144 Half Cut Cells	1500	24.01.2024	23.01.2028											
					AS-590-HM156	21.13															
					AS-595-HM156	21.30															
					AS-500-HM144	19.36															
					AS-505-HM144	19.54															
					AS-510-HM144	19.75															
					AS-515-HM144	19.94															
					AS-520-HM144	20.13															
					AS-525-HM144	20.32															
					AS-530-HM144	20.52															
					AS-535-HM144	20.70															
					AS-540-HM144	20.92															
AS-545-HM144	21.11																				
AS-550-HM144	21.31																				
AS-455-HM132	19.18	132 Half Cut Cells	1500	24.01.2024	23.01.2028																
AS-460-HM132	19.37																				
AS-465-HM132	19.60																				
AS-470-HM132	19.80																				
AS-475-HM132	20.01																				
AS-480-HM132	20.23																				
AS-485-HM132	20.44																				
AS-490-HM132	20.64																				
AS-495-HM132	20.85																				
AS-375-HM108	19.21					108 Half Cut Cells	1500	24.01.2024	23.01.2028												
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																				
AS-415-HM120	19.20									120 Half Cut Cells	1500	24.01.2024	23.01.2028								
AS-420-HM120	19.42																				
AS-425-HM120	19.64																				
AS-430-HM120	19.87																				
AS-435-HM120	20.11																				
AS-440-HM120	20.34																				
67	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	19.88	156 Half Cut Cells	1500	24.01.2024	23.01.2028				
												AS-560-HM156	20.05								
												AS-565-HM156	20.22								
												AS-570-HM156	20.40								
												AS-575-HM156	20.59								
												AS-580-HM156	20.78								
					AS-585-HM156	20.96	144 Half Cut Cells	1500	24.01.2024	23.01.2028											
					AS-590-HM156	21.13															
					AS-595-HM156	21.30															
					AS-500-HM144	19.36															
					AS-505-HM144	19.54															
					AS-510-HM144	19.75															
					AS-515-HM144	19.94															
					AS-520-HM144	20.13															
					AS-525-HM144	20.32															
					AS-530-HM144	20.52															
					AS-535-HM144	20.70															
					AS-540-HM144	20.92															
AS-545-HM144	21.11																				
AS-550-HM144	21.31																				
AS-455-HM132	19.18	132 Half Cut Cells	1500	24.01.2024	23.01.2028																
AS-460-HM132	19.37																				
AS-465-HM132	19.60																				
AS-470-HM132	19.80																				
AS-475-HM132	20.01																				
AS-480-HM132	20.23																				
AS-485-HM132	20.44																				
AS-490-HM132	20.64																				
AS-495-HM132	20.85																				
AS-375-HM108	19.21					108 Half Cut Cells	1500	24.01.2024	23.01.2028												
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																				
AS-415-HM120	19.20									120 Half Cut Cells	1500	24.01.2024	23.01.2028								
AS-420-HM120	19.42																				
AS-425-HM120	19.64																				
AS-430-HM120	19.87																				
AS-435-HM120	20.11																				
AS-440-HM120	20.34																				

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)
68	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	186	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	AS-440-HM120	20.33	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								AS-445-HM120	20.56				
								AS-450-HM120	20.79				
								ISEN560	20.03				
								ISEN565	20.21				
								ISEN570	20.39				
								ISEN575	20.57				
								ISEN580	20.75				
								ISEN585	20.93				
								ISEN590	21.11				
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN520	20.12	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN525	20.32				
								ISEN530	20.52				
								ISEN535	20.71				
								ISEN540	20.9				
								ISEN545	21.1				
					iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN555	21.3	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN500	21.05				
								ISEN510	21.47				
								ISEN420	19.41				
iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN425	19.64	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN430	19.87									
			ISEN435	20.1									
			ISEN440	20.34									
			ISEN445	20.57									
			ISEN450	20.8									
			ISEN455	21.03									
			ISEN460	21.26									
			ISEN380	19.46									
			ISEN385	19.72									
v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN390	19.97	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN395	20.23									
			ISEN400	20.48									
			ISEN405	20.74									
			ISEN410	21									
			WSMD-520	20.2									
69	M/s. Waaree Energies Limited	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105	R-72003085	1156	i	Mono c-Si PERC Module	WSMD-540 (540Wp)	WSMD-525	20.39	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				
					ii	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)	WSMD-550	21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-520	20.2				
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
iii	N TOPCon Module	WSMT-570 (570Wp)	Bi-55-540	20.97	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			Bi-55-545	21.17									
			Bi-55-550	21.36									
			WSMT-560	21.75									
			WSMT-565	21.94									
iv	N TOPCon Module	WSMT-615 (615Wp)	WSMT-570	22.14	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMT-575	22.33									
			WSMT-580	22.53									
			WSMT-605	21.74									
			WSMT-610	21.92									
v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	WSMT-615	22.1	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMT-620	22.28									
			WSMT-625	22.46									
			BIN-17-605	21.64									
			BIN-17-610	21.82									
vi	N TOPCon Module(Bifacial)	BIN-08-570 (570Wp)	BIN-17-615	22	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			BIN-17-620	22.18									
			BIN-17-625	22.35									
			BIN-08-560	21.67									
			BIN-08-565	21.87									
70	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)	BIN-08-570	22.06	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BIN-08-575	22.25				
								BIN-08-580	22.45				
								WSMD-420	19.32				
								WSMD-425	19.55				
					ii	Mono c-Si PERC Module	WSMD-540 (540Wp)	WSMD-430	19.78	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-435	20.01				
								WSMD-440	20.24				
								WSMD-445	20.47				
								WSMD-450	20.7				
WSMD-520	20.2												
WSMD-525	20.39												
WSMD-530	20.58												
WSMD-535	20.78												
WSMD-540	20.97												

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 Bifacial Module	Bi-31-440(440Wp)	WSMD-545	21.17	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-550	21.36				
								Bi-31-420	19.32				
								Bi-31-425	19.55				
								Bi-31-430	19.78				
								Bi-31-435	20.01				
								Bi-31-440	20.24				
								Bi-31-445	20.47				
								Bi-31-450	20.7				
								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				
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540(540Wp)	Bi-55-550	21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMDi-395	19.79				
								WSMDi-400	20.03				
								WSMDi-405	20.28				
								WSMDi-410	20.53				
								WSMDi-415	20.78				
								WSMDi-400	19.47				
								WSMDi-405	19.51				
								WSMDi-410	19.55				
								WSMDi-415	19.59				
								WSMDi-420	19.63				
								WSMDi-425	19.67				
								WSMDi-430	19.7				
								WSMDi-435	19.74				
								WSMDi-440	19.78				
v	Mono c-Si PERC Module	WSMDi-400 (400Wp)	WSMDi-445	20.53	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMDi-450	20.78									
			WSMDi-455	21.03									
			WSMDi-460	21.28									
			WSMDi-465	21.53									
			WSMDi-470	21.78									
			WSMDi-475	22.03									
			WSMDi-480	22.28									
			WSMDi-485	22.53									
			WSMDi-490	22.78									
			WSMDi-495	23.03									
			WSMDi-500	23.28									
			WSMDi-505	23.53									
			WSMDi-510	23.78									
			WSMDi-515	24.03									
71	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												
ASB-M10-144-520	20.25												
ASB-M10-144-521	20.29												
ASB-M10-144-522	20.33												
ASB-M10-144-523	20.37												
ASB-M10-144-524	20.41												
ASB-M10-144-525	20.44												
ASB-M10-144-526	20.48												
ASB-M10-144-527	20.52												
ASB-M10-144-528	20.56												
ASB-M10-144-529	20.6												
ASB-M10-144-530	20.64												
ASB-M10-144-531	20.68												
ASB-M10-144-532	20.72												
ASB-M10-144-533	20.76												
ASB-M10-144-534	20.8												

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 c-Si PERC Modules	ASB-M10-144-548 (548Wp)	ASB-M10-144-535	20.83	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
								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									
								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									
										iii	Bifacial n-type TOPCon Modules	ASB-M10-144-563 (563Wp)	ASB-M10-144-550	21.42	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
													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				
													ASB-M10-144-562	21.89				
													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																	
72	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2,Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1325	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
								SOMERA VSMH.72.545.05	21.13									
								SOMERA VSMH.72.540.05	20.94									
								SOMERA VSMH.72.535.05	20.75									
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
								SOMERA VSMH.60.455.05	21.05									
								SOMERA VSMH.60.450.05	20.82									
								SOMERA VSMH.60.445.05	20.59									
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSMH.72.545.05 (545 Wp)	PARADEA VSMH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
								PARADEA VSMH.72.545.05	21.13									
								PARADEA VSMH.72.540.05	20.94									
								PARADEA VSMH.72.535.05	20.75									
					iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.450.05	20.23	144 (Half Cut cells)	1500	24.02.2024	23.02.2028					
								SOMERA VSMH.72.445.05	20.01									
								SOMERA VSMH.72.440.05	19.79									
73	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									
								TP500HG10B	19.40									
								TP505HG10B	19.59									
										ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP515HG10B	19.98	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
													TP520HG10B	20.17				
													TP525HG10B	20.37				
													TP530HG10B	20.56				
													TP535HG10B	20.76				
													TP540HG10B	20.95				
													TP545HG10B	21.14				
													TP550HG10B	21.34				
													TP555HG10B	21.53				
													TP460VG10B	19.19				
													TP465VG10B	19.47				
													TP470VG10B	19.61				
						Bifacial Mono c-Si PERC		TP555HG10B	21.53	144 (Half cut Cells)	1500	22.03.2024	21.03.2028					
								TP460VG10B	19.19									
								TP465VG10B	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)
					iv	Module (Glass to Glass)	TP470VG10B (470 Wp)	TP475VG10B	19.81	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP480VG10B	20.02				
								TP485VG10B	20.23				
								TP490VG10B	20.44				
					v	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP500VG10B (500 Wp)	TP495VG10B	20.65	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP500VG10B	20.86				
								TP505VG10B	21.07				
								TP420MG10B	19.21				
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP435MG10B (435 Wp)	TP425MG10B	19.44	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP430MG10B	19.66				
								TP435MG10B	19.89				
								TP440MG10B	20.12				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP460MG10B (460 Wp)	TP445MG10B	20.35	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP450MG10B	20.58				
								TP455MG10B	20.81				
								TP460MG10B	21.03				
					viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP575LG10TB (575Wp)	TP465MG10B	21.26	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
								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				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP505HG10TB	19.59	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
								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				
								x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)				
					TP550HG10TB	21.34							
					TP555HG10TB	21.53							
					TP460VG10TB	19.19							
					TP465VG10TB	19.47							
					TP470VG10TB	19.61							
					xi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP470VG10TB (470 Wp)	TP475VG10TB	19.81	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
								TP480VG10TB	20.02				
								TP485VG10TB	20.23				
TP490VG10TB	20.44												
TP495VG10TB	20.65												
TP500VG10TB	20.86												
xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP500VG10TB (500 Wp)	TP505VG10TB	21.07	132 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP420MG10TB	19.21									
			TP425MG10TB	19.44									
xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP430MG10TB	19.66	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028					
			TP435MG10TB	19.89									
			TP440MG10TB	20.12									
			TP445MG10TB	20.35									
			TP450MG10TB	20.58									
			TP455MG10TB	20.81									
xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP460MG10TB	21.03	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028					
			TP465MG10TB	21.26									
			SE144H540M	20.92									
			SE144H535M	20.73									
74	M/s. Solberry Energy Private Limited	Survey No.-164/002 & 165, Near Kamla Amrut Ind.Estate, Village-Indrad, Tal.-Kadi, Dist. - Mehsana - 382715, Gujarat, India	R-72009490	56	i	Mono c-Si PERC Module	SE144H520M (520 Wp)	SE144H530M	20.53	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								SE144H525M	20.34				
								SE144H520M	20.15				
								SE144H515M	19.95				
								SE144H510M	19.76				
								SE144H505M	19.57				
								SE132H450M	21.06				
								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												
SE120H450M	20.77												
SE120H445M	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)												
					ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPH-400	20.31	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								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																
					iii	Mono c-Si PERC Modules	IBMPH-480 (480 Wp)	IBMPH-460	19.26	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								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																
								IBMPH-505	19.57																
								IBMPH-510	19.77																
								IBMPH-515	19.96																
					iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)	IBMPH-520	20.16	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								IBMPH-525	20.35																
								IBMPH-530	20.54																
								IBMPH-535	20.74																
								IBMPH-540	20.93																
								IBMPH-545	21.13																
								78	M/s.ReNew Photovoltaics Private Limited					Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	856	i	Bifacial Mono c-Si PERC Module	RPS2MH72B0550 (550Wp)	RPS2MH72B0535	20.71	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
																				RPS2MH72B0540	20.90				
																				RPS2MH72B0545	21.10				
																				RPS2MH72B0550	21.30				
																				RPS2MH72B0555	21.48				
																				RPS2MH72B0560	21.68				
79	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	1150	i	Mono c-Si PERC Module	GMF72HM10540 (540 Wp)			GMF72HM10525	20.32	144 (Half Cut Cells)	1500							10.04.2024	09.04.2028				
										GMF72HM10530	20.51														
										GMF72HM10535	20.71														
										GMF72HM10540	20.90														
										GMF72HM10545	21.09														
										GMF72HM10550	21.29														
								ii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB72HM10540 (540 Wp)	GMB72HM10525			20.32	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
											GMB72HM10530			20.51											
					GMB72HM10535	20.71																			
					GMB72HM10540	20.90																			
					GMB72HM10545	21.09																			
					GMB72HM10550	21.29																			
					iii	Mono c-Si PERC Module	GMF66HM10490 (490 Wp)				GMF66HM10480	20.20	132 (Half cut Cells)	1500					10.04.2024	09.04.2028					
											GMF66HM10485	21.41													
								GMF66HM10490	20.62																
								GMF66HM10495	20.83																
								GMF66HM10500	21.04																
								GMF66HM10505	21.25																
								iv	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB66HM10490 (490 Wp)	GMB66HM10480	20.20			132 (Half cut Cells)	1500	10.04.2024	09.04.2028							
											GMB66HM10485	21.41													
					GMB66HM10490	20.62																			
					GMB66HM10495	20.83																			
					GMB66HM10500	21.04																			
					GMB66HM10505	21.25																			
					v	Mono c-Si PERC Module	GMF60HM10450 (450 Wp)				GMF60HM10435	20.08	120 (Half Cut Cells)	1500					10.04.2024	09.04.2028					
											GMF60HM10440	20.31													
								GMF60HM10445	20.54																
								GMF60HM10450	20.77																
								GMF60HM10455	21.00																
								GMF60HM10460	21.23																
								vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB60HM10435	20.08			120 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
											GMB60HM10440	20.31													
					GMB60HM10445	20.54																			
					GMB60HM10450	20.77																			
					GMB60HM10455	21.00																			
					GMB60HM10460	21.23																			
					vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)				GMF54HM10390	19.93	108 (Half Cut Cells)	1500					10.04.2024	09.04.2028					
											GMF54HM10395	20.19													
								GMF54HM10400	20.44																
								GMF54HM10405	20.70																
								GMF54HM10410	20.95																
								GMF54HM10415	21.21																
								viii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB54HM10400 (400 Wp)	GMB54HM10390	19.93			108 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
											GMB54HM10395	20.19													
					GMB54HM10400	20.44																			
					GMB54HM10405	20.70																			
					GMB54HM10410	20.95																			
					GMB54HM10415	21.21																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
						BackSheet)		GMB54HM10410	20.95											
					ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)	GMB54HM10415	21.21	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
				GMF48HM10340				19.46												
				GMF48HM10345				19.75												
				GMF48HM10350				20.04												
				GMF48HM10355				20.32												
				GMF48HM10360				20.61												
				x	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB48HM10350 (350 Wp)	GMF48HM10365	20.90	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028								
							GMB48HM10340	19.46												
							GMB48HM10345	19.75												
							GMB48HM10350	20.04												
							GMB48HM10355	20.32												
							GMB48HM10360	20.61												
80	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)	GMB48HM10365	20.90	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028							
				ASU144CM520Wp				20.15												
				ASU144CM525Wp				20.34												
				ASU144CM530Wp				20.53												
				ASU144CM535Wp				20.73												
				ASU144CM540Wp				20.92												
				ASU144CM545Wp				21.12												
				ASU144CM550Wp				21.31												
				FS-7505-FT1				18.06												
				FS-7510-FT1				18.23												
81	M/s. FS India Solar Ventures Private Limited	Plot No. A-1/1, Sipcot Industrial Park, Pillajipakkam - 602105, Tamil Nadu, India	R-61004316	3212	i	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	FS-7515-FT1	18.41	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028							
				FS-7520-FT1				18.60												
				FS-7525-FT1				18.77												
				FS-7530-FT1				18.95												
				FS-7535-FT1				19.13												
				FS-7540-FT1				19.30												
				FS-7505A-FT1				18.06												
				FS-7510A-FT1				18.23												
				FS-7515A-FT1				18.41												
				FS-7520A-FT1				18.60												
				ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	FS-7525A-FT1	18.77	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028								
							FS-7530A-FT1	18.95												
							FS-7535A-FT1	19.13												
							FS-7540A-FT1	19.30												
							DESERV EXTREME-635	22.76												
82	M/s. RenewSys India Pvt Ltd	Sy No. 114/P, Srinagar (V), Fabcity, Maheswaram(M), Ranga Reddy District, Telangana - 501359, India	R-63000760				576	i					Bifacial N type TOPCon Modules	DESERV EXTREME-635 (635 Wp)	DESERV EXTREME-630	22.59	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
							DESERV EXTREME-625								22.41					
							DESERV EXTREME-620								22.23					
							DESERV EXTREME-615								22.05					
							DESERV EXTREME-590								22.87					
				ii	Bifacial N type TOPCon Modules	DESERV EXTREME-590 (590 Wp)	DESERV EXTREME-585	22.68	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV EXTREME-580	22.48												
							DESERV EXTREME-575	22.29												
							DESERV EXTREME-570	22.09												
							DESERV EXTREME-565	21.90												
				iii	Bifacial N type TOPCon Modules	DESERV EXTREME-490 (490 Wp)	DESERV EXTREME-490	22.60	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV EXTREME-485	22.37												
							DESERV EXTREME-480	22.13												
							DESERV EXTREME-475	21.90												
							DESERV EXTREME-470	21.67												
				iv	Bifacial N type TOPCon Modules	DESERV EXTREME-440 (440 Wp)	DESERV EXTREME-465	21.44	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV EXTREME-440	22.46												
							DESERV EXTREME-435	22.21												
							DESERV EXTREME-430	21.95												
							DESERV EXTREME-425	21.70												
				v	N type TOPCon Modules	DESERV SGALACTIC-635 (635 Wp)	DESERV EXTREME-420	21.44	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV EXTREME-415	21.18												
							DESERV SGALACTIC-635	22.76												
							DESERV SGALACTIC-630	22.59												
							DESERV SGALACTIC-625	22.41												
				vi	N type TOPCon Modules	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-620	22.23	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV SGALACTIC-615	22.05												
							DESERV SGALACTIC-590	22.87												
							DESERV SGALACTIC-585	22.68												
							DESERV SGALACTIC-580	22.48												
				vii	N type TOPCon Modules	DESERV SGALACTIC-490 (490 Wp)	DESERV SGALACTIC-575	22.29	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV SGALACTIC-570	22.09												
							DESERV SGALACTIC-565	21.90												
							DESERV SGALACTIC-485	22.37												
							DESERV SGALACTIC-480	22.13												
				viii	N type TOPCon Modules	DESERV SGALACTIC-440 (440 Wp)	DESERV SGALACTIC-475	21.90	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028								
							DESERV SGALACTIC-470	21.67												
							DESERV SGALACTIC-465	21.44												
							DESERV SGALACTIC-440	22.46												
							DESERV SGALACTIC-435	22.21												
							DESERV SGALACTIC-430	21.95												
							DESERV SGALACTIC-425	21.70												
							DESERV SGALACTIC-420	21.44												

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)																														
83	M/s. Oswal Solar Structure Pvt. Ltd.	Opp DD International Pvt Ltd, Link Road, Village Kutail, Karnal- 132037, Haryana, India	R-91013935	170				DESERV SGALACTIC-415	21.18	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028																														
								i	Mono c-Si PERC Module					OSWAL265MPD72 (265 Wp)	OSWAL255MPD72	19.06																											
															OSWAL260MPD72	19.43																											
															OSWAL265MPD72	19.80																											
															OSWAL270MPD72	20.18																											
															OSWAL275MPD72	20.55																											
															OSWAL255MPN72	19.06																											
															OSWAL260MPN72	19.43																											
															OSWAL265MPN72	19.80																											
															OSWAL270MPN72	20.18																											
															OSWAL275MPN72	20.55																											
															ii	Mono c-Si PERC Module	OSWAL265MPN72 (265 Wp)	OSWAL335MPD96	19.06																								
																		OSWAL340MPD96	19.34																								
																		OSWAL345MPD96	19.63																								
																		OSWAL350MPD96	19.91																								
																		OSWAL355MPD96	20.20																								
																		OSWAL360MPD96	20.48																								
																		OSWAL365MPD96	20.76																								
																		OSWAL335MPN96	19.06																								
																		OSWAL340MPN96	19.34																								
																		OSWAL345MPN96	19.63																								
																		OSWAL350MPN96	19.91																								
																		OSWAL355MPN96	20.20																								
																		OSWAL360MPN96	20.48																								
																		OSWAL365MPN96	20.76																								
																		iii	Mono c-Si PERC Module	OSWAL350MPD96 (350 Wp)	OSWAL375MPD108	19.11																					
																					OSWAL380MPD108	19.37																					
																					OSWAL385MPD108	19.62																					
																					OSWAL390MPD108	19.88																					
																					OSWAL395MPD108	20.13																					
																					OSWAL400MPD108	20.39																					
																					OSWAL405MPD108	20.64																					
																					OSWAL410MPD108	20.90																					
																					OSWAL375MPN108	19.11																					
																					OSWAL380MPN108	19.37																					
																					OSWAL385MPN108	19.62																					
																					OSWAL390MPN108	19.88																					
																					OSWAL395MPN108	20.13																					
																					OSWAL400MPN108	20.39																					
																					OSWAL405MPN108	20.64																					
																					OSWAL410MPN108	20.90																					
																					iv	Mono c-Si PERC Module	OSWAL350MPN96 (350 Wp)	OSWAL415MPD120	19.11																		
																								OSWAL420MPD120	19.34																		
																								OSWAL425MPD120	19.57																		
																								OSWAL430MPD120	19.80																		
																								OSWAL435MPD120	20.03																		
																								OSWAL440MPD120	20.26																		
																								OSWAL445MPD120	20.49																		
																								OSWAL450MPD120	20.72																		
																								OSWAL455MPD120	20.95																		
																								OSWAL415MPN120	19.11																		
																								OSWAL420MPN120	19.34																		
																								OSWAL425MPN120	19.57																		
																								OSWAL430MPN120	19.80																		
																								OSWAL435MPN120	20.03																		
																								OSWAL440MPN120	20.26																		
																								OSWAL445MPN120	20.49																		
																								OSWAL450MPN120	20.72																		
																								OSWAL455MPN120	20.95																		
																								v	Mono c-Si PERC Module	OSWAL390MPD108 (390 Wp)	OSWAL460MPD132	19.20															
																											OSWAL465MPD132	19.41															
																											OSWAL470MPD132	19.62															
																											OSWAL475MPD132	19.83															
																											OSWAL480MPD132	20.04															
																											OSWAL485MPD132	20.25															
																											OSWAL490MPD132	20.46															
																											OSWAL495MPD132	20.67															
																											OSWAL500MPD132	20.88															
																											OSWAL460MPN132	19.20															
																											OSWAL465MPN132	19.41															
																											OSWAL470MPN132	19.62															
																											OSWAL475MPN132	19.83															
																											OSWAL480MPN132	20.04															
																											OSWAL485MPN132	20.25															
																											OSWAL490MPN132	20.46															
																											OSWAL495MPN132	20.67															
																											OSWAL500MPN132	20.88															
																											vi	Mono c-Si PERC Module	OSWAL410MPD108 (410 Wp)	OSWAL475MPN132	19.20												
																														OSWAL480MPN132	19.41												
																														OSWAL485MPN132	19.62												
																														OSWAL490MPN132	19.83												
																														OSWAL495MPN132	20.04												
																														OSWAL500MPN132	20.25												
																														OSWAL475MPD132	20.04												
																														OSWAL480MPD132	20.25												
																														OSWAL485MPD132	20.46												
																														OSWAL490MPD132	20.67												
																														OSWAL495MPD132	20.88												
																														vii	Mono c-Si PERC Module	OSWAL410MPN108 (410 Wp)	OSWAL475MPN132	19.20									
																																	OSWAL480MPN132	19.41									
																																	OSWAL485MPN132	19.62									
																																	OSWAL490MPN132	19.83									
																																	OSWAL495MPN132	20.04									
																																	OSWAL500MPN132	20.25									
																																	OSWAL475MPD132	20.04									
																																	OSWAL480MPD132	20.25									
																																	OSWAL485MPD132	20.46									
																																	OSWAL490MPD132	20.67									
																																	OSWAL495MPD132	20.88									
																																	viii	Mono c-Si PERC Module	OSWAL435MPD120 (435 Wp)	OSWAL475MPN132	19.20						
																																				OSWAL480MPN132	19.41						
																																				OSWAL485MPN132	19.62						
																																				OSWAL490MPN132	19.83						
																																				OSWAL495MPN132	20.04						
																																				OSWAL500MPN132	20.25						
																																				OSWAL475MPD132	20.04						
																																				OSWAL480MPD132	20.25						
																																				OSWAL485MPD132	20.46						
																																				OSWAL490MPD132	20.67						
																																				OSWAL495MPD132	20.88						
																																				ix	Mono c-Si PERC Module	OSWAL435MPN120 (435 Wp)	OSWAL475MPN132	19.20			
																																							OSWAL480MPN132	19.41			
																																							OSWAL485MPN132	19.62			
																																							OSWAL490MPN132	19.83			
																																							OSWAL495MPN132	20.04			
																																							OSWAL500MPN132	20.25			
																																							OSWAL475MPD132	20.04			
																																							OSWAL480MPD132	20.25			
																																							OSWAL485MPD132	20.46			
																																							OSWAL490MPD132	20.67			
																																							OSWAL495MPD132	20.88			
																																							x	Mono c-Si PERC Module	OSWAL435MPN120 (435 Wp)	OSWAL475MPN132	19.20
																																										OSWAL480MPN132	19.41
																																										OSWAL485MPN132	19.62
																																										OSWAL490MPN132	19.83
																																										OSWAL495MPN132	20.04
																																										OSWAL500MPN132	20.25
																																										OSWAL475MPD132	20.04
																																										OSWAL480MPD132	20.25
																																										OSWAL485MPD132	20.46
																																										OSWAL490MPD132	20.67
																																										OSWAL495MPD132	20.88
xi	Mono c-Si PERC Module	OSWAL475MPD132 (475 Wp)	OSWAL475MPN132	19.20																																							
			OSWAL480MPN132	19.41																																							
			OSWAL485MPN132	19.62																																							
			OSWAL490MPN132	19.83																																							
			OSWAL495MPN132	20.04																																							
			OSWAL500MPN132	20.25																																							
			OSWAL475MPD132	20.04																																							
			OSWAL480MPD132	20.25																																							
			OSWAL485MPD132	20.46																																							
			OSWAL490MPD132	20.67																																							
			OSWAL495MPD132	20.88																																							
			xii	Mono c-Si PERC Module	OSWAL500MPD132 (500 Wp)	OSWAL475MPN132	19.20																																				
						OSWAL480MPN132	19.41																																				
						OSWAL485MPN132	19.62																																				
						OSWAL490MPN132	19.83																																				
						OSWAL495MPN132	20.04																																				
						OSWAL500MPN132	20.25																																				
						OSWAL475MPD132	20.04																																				
						OSWAL480MPD132	20.25																																				
						OSWAL485MPD132	20.46																																				
						OSWAL490MPD132	20.67																																				
						OSWAL495MPD132	20.88																																				
						xiii	Mono c-Si PERC Module	OSWAL475MPN132 (475 Wp)	OSWAL475MPN132	19.20																																	
									OSWAL480MPN132	19.41																																	
									OSWAL485MPN132	19.62																																	
									OSWAL490MPN132	19.83																																	
									OSWAL495MPN132	20.04																																	
									OSWAL500MPN132	20.25																																	
									OSWAL475MPD132	20.04																																	
									OSWAL480MPD132	20.25																																	
									OSWAL485MPD132	20.46																																	
									OSWAL490MPD132	20.67																																	
									OSWAL495MPD132	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)
					xiv	Mono c-Si PERC Module	OSWAL500MPN132 (500 Wp)	OSWAL500MPN132	21.10	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					xv	Mono c-Si PERC Module	OSWAL520MP144 (520 Wp)	OSWAL495MP144	19.16	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL500MP144	19.35				
								OSWAL505MP144	19.54				
								OSWAL510MP144	19.74				
								OSWAL515MP144	19.94				
								OSWAL520MP144	20.13				
								OSWAL525MP144	20.32				
								OSWAL530MP144	20.51				
								OSWAL535MP144	20.71				
								OSWAL540MP144	20.90				
					OSWAL545MP144	21.09							
					xvi	Mono c-Si PERC Module	OSWAL550MP144 (550 Wp)	OSWAL550MP144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								OSWAL495MPN144	19.16				
								OSWAL500MPN144	19.35				
								OSWAL505MPN144	19.54				
								OSWAL510MPN144	19.74				
								OSWAL515MPN144	19.94				
								OSWAL520MPN144	20.13				
								OSWAL525MPN144	20.32				
OSWAL530MPN144	20.51												
OSWAL535MPN144	20.71												
OSWAL540MPN144	20.90												
OSWAL545MPN144	21.09												
xvii	Mono c-Si PERC Module	OSWAL520MPN144 (520 Wp)	OSWAL550MPN144	21.29	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			OSWAL550MP156	19.70									
			OSWAL555MP156	19.88									
			OSWAL560MP156	20.06									
			OSWAL565MP156	20.24									
			OSWAL570MP156	20.42									
			OSWAL575MP156	20.59									
			OSWAL580MP156	20.77									
			OSWAL585MP156	20.95									
			OSWAL590MP156	21.13									
OSWAL595MP156	21.31												
xix	Mono c-Si PERC Module	OSWAL570MP156 (570 Wp)	HQL144CMD535Wp	20.14	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			HQL144CMD525Wp	20.34									
			HQL144CMD530Wp	20.53									
			HQL144CMD535Wp	20.73									
			HQL144CMD540Wp	20.92									
			HQL144CMD545Wp	21.12									
			HQL144CMD550Wp	21.31									
			ADM260-72M	19.76									
			ADM265-72M	20.14									
			ADM270-72M	20.52									
ADM275-72M	20.90												
ADM280-72M	21.28												
ADM350-96M	19.93												
ADM355-96M	20.22												
ADM360-96M	20.50												
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												
ADM505-144M	19.58												
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												
84	M/s. HQ Lamps Manufacturing Co Pvt Ltd.	Plot No. 459-B, Sector - 53, Phase III, EPIP Industrial Estate, Kundali, Sonapat- 131028, Haryana, India	R-91014206	46	i	Mono c-Si PERC Modules	HQL144CMD535Wp (535 Wp)	HQL144CMD520Wp HQL144CMD525Wp HQL144CMD530Wp HQL144CMD535Wp HQL144CMD540Wp HQL144CMD545Wp HQL144CMD550Wp	20.14 20.34 20.53 20.73 20.92 21.12 21.31	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
85	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)	ADM270-72M	20.14	72 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM275-72M	20.50				
								ADM280-72M	21.28				
								ADM350-96M	19.93				
								ADM355-96M	20.22				
								ADM360-96M	20.50				
					ii	Mono c-Si PERC Module	ADM360-96M (360Wp)	ADM365-96M	20.79	96 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM370-96M	21.07				
								ADM400-108M	20.33				
								ADM405-108M	20.58				
								ADM410-108M	20.83				
								ADM415-108M	21.09				
					iii	Mono c-Si PERC Module	ADM405-108M (405Wp)	ADM445-120M	20.43	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM450-120M	20.66				
								ADM455-120M	20.89				
								ADM460-120M	21.12				
								ADM485-132M	20.31				
								ADM490-132M	20.52				
					iv	Mono c-Si PERC Module	ADM450-120M (450Wp)	ADM495-132M	20.73	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								ADM500-132M	20.94				
								ADM505-132M	21.15				
								ADM510-132M	21.36				
								ADM505-144M	19.58				
								ADM505-144M	19.58				
v	Mono c-Si PERC Module	ADM500-132M (500Wp)	ADM510-144M	19.77	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			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									
			vi	Mono c-Si PERC Module					ADM525-144M (525Wp)	ADM575-156M	20.57	144 (Half Cut Cells)	1500

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Mono c-Si PERC Module	ADM590-156M (590Wp)	ADM580-156M ADM585-156M ADM590-156M COS TWIN-510 COS TWIN-515 COS TWIN-520 COS TWIN-525 COS TWIN-530 COS TWIN-535 COS TWIN-540 COS TWIN-545 COS TWIN-550	20.74 20.92 21.10 19.74 19.93 20.13 20.32 20.51 20.71 20.90 21.10 21.30	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
86	M/s. Cosmic PV Power Pvt. Ltd.	Survey No. 1605/1, Block No. 2098/1/B, Tadkeshvar, Mandavi, Surat- 394170, Gujarat, India	R-72009539	185	i	Mono c-Si PERC Module	COS TWIN-525 (525Wp)	LUM 24570M (570 Wp) LUM 24560M LUM 24555M LUM 24550M LUM 24545M LUM 24540M LUM 24535M LUM 24530M LUM 24525M LUM 24520M LUM 24515M LUM 24510M LUM 24505M LUM 24500M LUM 24495M LUM 24490M LUM 24485M LUM 24480M LUM 24475M LUM 24470M LUM 24465M LUM24460M LUM24455M LUM 24450M LUM 24445M LUM 24440M LUM 24435M LUM 24430M LUM 24425M LUM 24420M LUM 24400M LUM 24395M LUM 24390M LUM 24385M LUM 24380M LUM 24375M LUM 24630T156 LUM 24625T156 LUM 24620T156 LUM 24615T156 LUM 24610T156 LUM 24605T156 LUM 24600T156 LUM 24595T156 LUM 24590T156 LUM 24585T156 LUM 24580T156 LUM 24575T156 LUM 24570T156 LUM 24590T144 LUM 24585T144 LUM 24580T144 LUM 24575T144 LUM 24570T144 LUM 24565T144 LUM 24560T144 LUM 24555T144 LUM 24550T144 LUM 24545T144 LUM 24540T144 LUM 24535T144 AMS 24590M AMS 24585M AMS 24580M	20.74 20.92 21.10 19.74 19.93 20.13 20.32 20.51 20.71 20.90 21.10 21.30 21.11 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
87	M/s. Luminous Power Technologies Pvt. Ltd.	Plot No- CP-17 To CP-22, Sector-City Park, Luminous Plant, P.N.D.T IIE Sidcul, Pant Nagar, Rudrapur, Udham Singh Nagar - 263153, Uttarakhand, India	R- 83011410	300	i	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					ii	Mono c-Si PERC Module	LUM 24525M (525 Wp)	LUM 24475M (475 Wp) LUM 24470M LUM 24465M LUM24460M LUM24455M LUM 24450M LUM 24445M LUM 24440M LUM 24435M LUM 24430M LUM 24425M LUM 24420M LUM 24400M LUM 24395M LUM 24390M LUM 24385M LUM 24380M LUM 24375M LUM 24630T156 LUM 24625T156 LUM 24620T156 LUM 24615T156 LUM 24610T156 LUM 24605T156 LUM 24600T156 LUM 24595T156 LUM 24590T156 LUM 24585T156 LUM 24580T156 LUM 24575T156 LUM 24570T156 LUM 24590T144 LUM 24585T144 LUM 24580T144 LUM 24575T144 LUM 24570T144 LUM 24565T144 LUM 24560T144 LUM 24555T144 LUM 24550T144 LUM 24545T144 LUM 24540T144 LUM 24535T144 AMS 24590M AMS 24585M AMS 24580M	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iii	Mono c-Si PERC Module	LUM 24475M (475 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					iv	Mono c-Si PERC Module	LUM 24430M (430 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					v	Mono c-Si PERC Module	LUM 24385M (385 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vi	N type TOPCon Modules	LUM 24600T156 (600 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					vii	N type TOPCon Modules	LUM 24565T144 (565 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
					viii	N type TOPCon Modules	LUM 24535T144 (535 Wp)	LUM 24430M (430 Wp) LUM 24385M (385 Wp) LUM 24600T156 (600 Wp) LUM 24565T144 (565 Wp) LUM 24535T144 (535 Wp)	20.74 20.93 20.75 20.57 20.39 20.21 20.03 19.85 21.28 21.09 20.89 20.70 20.51 20.31 20.12 19.93 19.73 19.54 19.34 20.85 20.64 20.43 20.22 20.01 19.80 19.59 19.38 19.17 20.80 20.57 20.33 20.10 19.87 19.64 19.41 20.48 20.23 19.97 19.71 19.46 19.20 22.54 22.36 22.18 22.00 21.82 21.64 21.46 21.28 21.11 20.93 20.75 20.57 20.39 22.83 22.63 22.44 22.25 22.05 21.86 21.67 21.47 21.28 21.09 20.89 20.70 20.93 20.75	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24590M AMS 24585M AMS 24580M	21.11 20.93 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)
					ix	Mono c-Si PERC Module	AMS 24570M (570 Wp)	AMS 24575M	20.57	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24570M	20.39				
								AMS 24565M	20.21				
								AMS 24560M	20.03				
								AMS 24555M	19.85				
					x	Mono c-Si PERC Module	AMS 24530M (530 Wp)	AMS 24550M	21.28	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								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				
					xi	Mono c-Si PERC Module	AMS 24475M (475 Wp)	AMS 24500M	19.35	132 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								AMS 24495M	20.85				
AMS 24490M	20.64												
AMS 24485M	20.43												
AMS 24480M	20.22												
AMS 24475M	20.01												
AMS 24470M	19.80												
AMS 24465M	19.59												
AMS24460M	19.38												
AMS24455M	19.17												
xii	Mono c-Si PERC Module	AMS 24430M (430 Wp)	AMS 24450M	20.80	120 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			AMS 24445M	20.57									
			AMS 24440M	20.33									
			AMS 24435M	20.10									
			AMS 24430M	19.87									
			AMS 24425M	19.64									
			AMS 24420M	19.41									
			AMS 24415M	19.18									
			AMS 24400M	20.48									
			AMS 24395M	20.23									
xiii	Mono c-Si PERC Module	AMS 24385M (385 Wp)	AMS 24390M	19.97	108 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			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									
			AMS 24610T156	21.82									
			AMS 24605T156	21.64									
xiv	N type TOPCon Modules	AMS 24600T156 (600 Wp)	AMS 24600T156	21.46	156 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			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									
xv	N type TOPCon Modules	AMS 24560T144 (560 Wp)	AMS 24575T144	22.25	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028					
			AMS 24570T144	22.05									
			AMS 24565T144	21.86									
			AMS 24560T144	21.67									
			AMS 24555T144	21.47									
			AMS 24550T144	21.28									
			AMS 24545T144	21.09									
			AMS 24540T144	20.89									
			AMS 24535T144	20.70									
			AMS 24530T144	20.51									
88	M/s. Tata Power Solar Systems Ltd	Plot No. 24-B, Industrial Shed, SY No 123, Jigani 1st Phase, Industrial Area, Jigani, Anekal Taluk, Hobli, Bengaluru, Rural Karnataka-560105, India	R-62002585	94	i	Mono c-Si PERC Modules	TP520HG10 (520 Wp)	AMS 24535T144	20.70	144 (Half Cut Cells)	1500	24.05.2024	23.05.2028
								TP495HG10	19.20				
								TP500HG10	19.40				
								TP505HG10	19.59				
								TP510HG10	19.79				
								TP515HG10	19.98				
								TP520HG10	20.17				
								TP525HG10	20.37				
								TP530HG10	20.56				
								TP535HG10	20.76				
								TP540HG10	20.95				
								TP545HG10	21.10				
								ECO 380MH	19.11				
								ECO 385MH	19.36				
								ECO 390MH	19.62				
								ECO 395MH	19.87				
								ECO 400MH	20.12				
ECO 405MH	20.37												
89	M/s. PV Power Technologies Private Limited	Plot No.60, Tarapur Textile Park limited, Boisar Chillar Road, Sai Baba Bolevard Township, Boisar East, Palghar - 401501, Maharashtra, India	R-71007650	86	i	Mono c-Si PERC Module	ECO 400MH (400 Wp)	ESS0HCBG144	21.29	72 (Full Cells)	1500	08.07.2024	07.07.2028
								ECO 380MH	19.11				
								ECO 385MH	19.36				
								ECO 390MH	19.62				
								ECO 395MH	19.87				
								ECO 400MH	20.12				
								ECO 405MH	20.37				
								ECO 410MH	20.62				
								ECO 415MH	20.87				
								ECO 420MH	21.12				
								ECO 425MH	21.37				
								ECO 430MH	21.62				
								ECO 435MH	21.87				
								ECO 440MH	22.12				
								ECO 445MH	22.37				
								ECO 450MH	22.62				
								90	M/s. Emmvee Energy				
ECO 405MH	20.37												
ECO 410MH	20.62												
ECO 415MH	20.87												
ECO 420MH	21.12												
ECO 425MH	21.37												
ECO 430MH	21.62												
ECO 435MH	21.87												
ECO 440MH	22.12												
ECO 445MH	22.37												
ECO 450MH	22.62												
ECO 455MH	22.87												
ECO 460MH	23.12												
ECO 465MH	23.37												
ECO 470MH	23.62												
ECO 475MH	23.87												

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)
	Private Limited	Area, Pemmanahalli Village, Sompura Hobli, Nelamangala Taluk, Bengaluru Rural District, Karnataka - 562111, India			i	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E525HCBG144 (525 Wp)	E545HCBG144	21.10	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								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				
								E490HCBG144	18.97				
					ii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E495HCBG144 (495 Wp)	E500HCBG132	21.03	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E495HCBG132	20.82				
								E490HCBG132	20.61				
								E485HCBG132	20.40				
								E480HCBG132	20.19				
								E475HCBG132	19.98				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E490HCBG132 (490 Wp)	E450HCBG120	20.74	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E445HCBG120	20.51				
								E440HCBG120	20.28				
								E435HCBG120	20.05				
								E430HCBG120	19.82				
								E425HCBG120	19.59				
								E420HCBG120	19.36				
								E415HCBG120	19.13				
								E410HCBG120	18.90				
								E405HCBG120	18.67				
								E400HCBG120	18.44				
								E395HCBG120	18.21				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E430HCBG120 (430 Wp)	E400HCBG108	20.76	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								E400HCBG108	20.51				
								E395HCBG108	20.25				
								E390HCBG108	20.00				
								E385HCBG108	19.74				
								E380HCBG108	19.49				
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	E395HCBG108 (395 Wp)	E580HCBG144-T	22.45	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028
								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				
								E525HCBG144-T	20.32				
vi	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HCBG144-T (555 Wp)	E530HCBG132-T	22.29	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E525HCBG132-T	22.08									
			E520HCBG132-T	21.87									
			E515HCBG132-T	21.66									
			E510HCBG132-T	21.45									
			E505HCBG132-T	21.24									
			E500HCBG132-T	21.03									
			E495HCBG132-T	20.82									
			E490HCBG132-T	20.61									
			E485HCBG132-T	20.40									
			E480HCBG132-T	20.19									
			E475HCBG132-T	19.98									
vii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E480HCBG120-T	22.13	144 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E475HCBG120-T	21.90									
			E470HCBG120-T	21.67									
			E465HCBG120-T	21.44									
			E460HCBG120-T	21.20									
			E455HCBG120-T	20.97									
			E450HCBG120-T	20.74									
			E445HCBG120-T	20.51									
			E440HCBG120-T	20.28									
			E435HCBG120-T	20.05									
			E430HCBG120-T	19.82									
			E425HCBG120-T	19.59									
viii	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E430HCBG108-T	22.30	132 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E430HCBG108-T	22.05									
			E425HCBG108-T	21.79									
			E420HCBG108-T	21.53									
			E415HCBG108-T	21.28									
			E410HCBG108-T	21.02									
			E405HCBG108-T	20.76									
			E400HCBG108-T	20.51									
			E395HCBG108-T	20.25									
			E390HCBG108-T	20.00									
			E385HCBG108-T	19.74									
			E380HCBG108-T	19.49									
ix	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E400HCBG108-T	20.88	120 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E400HCBG108-T	20.63									
			E400HCBG108-T	20.37									
			E400HCBG108-T	20.12									
			E400HCBG108-T	19.86									
			E400HCBG108-T	19.61									
			E400HCBG108-T	19.36									
			E400HCBG108-T	19.11									
			E400HCBG108-T	18.86									
			E400HCBG108-T	18.61									
			E400HCBG108-T	18.36									
			E400HCBG108-T	18.11									
x	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E400HCBG108-T	20.88	108 (Half Cut Cells)	1500	08.07.2024	07.07.2028					
			E400HCBG108-T	20.63									
			E400HCBG108-T	20.37									
			E400HCBG108-T	20.12									
			E400HCBG108-T	19.86									
			E400HCBG108-T	19.61									
			E400HCBG108-T	19.36									
			E400HCBG108-T	19.11									
			E400HCBG108-T	18.86									
			E400HCBG108-T	18.61									
			E400HCBG108-T	18.36									
			E400HCBG108-T	18.11									
91	M/s. Lubi Electronics	Survey No. 75, Opposite Essar Petrol Pump, Prantiya, Gandhinagar - 382355, Gujarat, India	R-72002380	40	i	Mono c-Si PERC Module	LE24M395 (395 Wp)	LE24M410 LE24M405 LE24M400 LE24M395 LE24M390	20.88 20.63 20.37 20.12 19.86	72 (Full Cells)	1500	08.07.2024	07.07.2028

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)
92	M/s Aavaada Electro Private Limited	Khasra No. 1145, 1146, 1150, 1151, 1152, 1154, 1156, Village - Kot, Tehsil - Dadri, Pargana, Dadri, Gautam Buddha Nagar - 203207, Uttar Pradesh, India	R-93030724	554	i	Bifacial N-Type TOPCon Modules	AVN72M10G575 (575 Wp)	LE24M385	19.61	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								LE24M380	19.36				
								AVN72M10G565	21.87				
								AVN72M10G570	22.06				
								AVN72M10G575	22.26				
					ii	Bifacial N-Type TOPCon Modules	AVN66M10G525 (525 Wp)	AVN72M10G580	22.45				
								AVN72M10G585	22.64				
								AVN66M10G515	21.69				
								AVN66M10G520	21.90				
								AVN66M10G525	22.11				
					iii	Bifacial N-Type TOPCon Modules	AVN60M10G475 (475 Wp)	AVN66M10G530	22.32				
								AVN66M10G535	22.53				
								AVN60M10G465	21.47				
								AVN60M10G470	21.70				
								AVN60M10G475	21.93				
93	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)	AVN60M10G480	22.16	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								AVN60M10G485	22.39				
								LSP 520	20.13				
								LSP 525	20.32				
								LSP 530	20.52				
					ii	Mono c-Si PERC Modules	LSP 435 (435 Wp)	LSP 535	20.71				
								LSP 540	20.90				
								LSP 420	19.41				
								LSP 425	19.64				
								LSP 430	19.87				
					iii	Mono c-Si PERC Modules	LSP 400 (400 Wp)	LSP 435	20.10				
								LSP 440	20.33				
								LSP 445	20.57				
								LSP 450	20.80				
								LSP 390	19.97				
94	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)	LSP 400	20.48	144 (Half Cut Cells)	1500	28.08.2024	27.08.2028
								LSP 405	20.74				
								LSP 410	20.99				
								USM10 - 144 - 510 WP	19.72				
								USM10 - 144 - 515 WP	19.91				
					ii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 132 - 490 WP (490 Wp)	USM10 - 144 - 520 WP	20.10				
								USM10 - 144 - 525 WP	20.30				
								USM10 - 144 - 530 WP	20.49				
								USM10 - 144 - 535 WP	20.68				
								USM10 - 144 - 540 WP	20.88				
					iii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	USM10 - 120 - 440 WP (440 Wp)	USM10 - 144 - 545 WP	21.07				
								USM10 - 144 - 550 WP	21.26				
								USM10 - 132 - 495 WP	19.14				
								USM10 - 132 - 500 WP	19.33				
								USM10 - 132 - 505 WP	19.52				
							USM10 - 120 - 425 WP	19.63	132 (Half Cut Cells)	1500	28.08.2024	27.08.2028	
							USM10 - 120 - 425 WP	19.63					
							USM10 - 120 - 430 WP	19.86					
							USM10 - 120 - 435 WP	20.09					
							USM10 - 120 - 440 WP	20.32					
							USM10 - 120 - 445 WP	20.55					
							USM10 - 120 - 450 WP	20.78					
							USM10 - 120 - 455 WP	21.01					
							USM10 - 120 - 460 WP	21.24					
							USM10 - 120 - 440 WP	20.32					
USM10 - 120 - 445 WP	20.55												
USM10 - 120 - 450 WP	20.78												
USM10 - 120 - 455 WP	21.01												
USM10 - 120 - 460 WP	21.24												
USM10 - 120 - 440 WP	20.32												
USM10 - 120 - 445 WP	20.55												
USM10 - 120 - 450 WP	20.78												
USM10 - 120 - 455 WP	21.01												
USM10 - 120 - 460 WP	21.24												
USM10 - 120 - 440 WP	20.32												
USM10 - 120 - 445 WP	20.55												
USM10 - 120 - 450 WP	20.78												
USM10 - 120 - 455 WP	21.01												
USM10 - 120 - 460 WP	21.24												

F. No. 283/54/2018- GRID SOLAR- Part (1)
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 24th January, 2024

To,

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

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Sahaj Solar Limited, Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India in respect of 03 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,





(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary / PPS to JS (DDJ)

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

Appendix-I

Name of Manufacturer	M/s Sahaj Solar Limited
Plant Address	Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village- Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	100 MW/Year
Applied Capacity	100 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volt	Remarks
1.	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520	20.12%	R-72005630	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			SS-525	20.31%				
			SS-530	20.51%				
			SS-535	20.70%				
			SS-540	20.89%				
			SS-545	21.09%				
			SS-550	21.28%				
2	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C480	20.22%				
			SS-132C485	20.43%				
			SS-132C490	20.64%				
			SS-132C495	20.86%				
			SS-132C500	21.07%				
			SS-132C505	21.27%				
			SS-132C510	21.49%				
			SS-132C515	21.70%				
3	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C440	20.34%				
			SS-120C445	20.57%				
			SS-120C450	20.79%				
			SS-120C455	21.02%				

F. No. 283/54/2018- GRID SOLAR- Part (1)
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग/ Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 22nd March, 2024

To,

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

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Alpex Solar Limited, Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)


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

Appendix-I

Name of Manufacturer	M/s. Alpex Solar Limited
Plant Address	Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	248 MW/Year
Applied Capacity	600 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Mono c-Si PERC Module	ALP24L535WM (535Wp)	ALP24L520WM	20.05	Registration No.: R-93007480	144 (Half Cut Cells)	1500	Provisionally Enlisted
			ALP24L525WM	20.24				
			ALP24L530WM	20.44				
			ALP24L535WM	20.63				
2	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP24L540WM	20.82				
			ALP22L480WM	20.14				
			ALP22L485WM	20.35				
			ALP22L490WM	20.56				
			ALP22L495WM	20.77				
			ALP22L500WM	20.98				
			ALP22L505WM	21.19				
3	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP22L510WM	21.39				
			ALP22L515WM	21.60				
			ALP20L435WM	20.01				
			ALP20L440WM	20.24				
			ALP20L445WM	20.47				
			ALP20L450WM	20.70				
			ALP20L455WM	20.93				
			ALP20L460WM	21.16				
4	Mono c-Si PERC Module	ALP18L400WM (400Wp)	ALP20L465WM	21.39				
			ALP20L470WM	21.62				
			ALP20L475WM	21.85				
			ALP18L390WM	19.86				
			ALP18L395WM	20.11				
			ALP18L400WM	20.36				
5	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP18L405WM	20.62				
			ALP18L410WM	20.87				
			ALP18L415WM	21.13				
			ALP12L265WM	19.85				
			ALP12L270WM	20.22				
			ALP12L275WM	20.6				
			ALP12L280WM	20.97				
			ALP12L285WM	21.34				



F. No. 283/54/2018- GRID SOLAR- Part (1)
भारत सरकार / Government of India
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 10th April, 2024

To,

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

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Saatvik Green Energy Pvt. Ltd., Village-Dubli, Tehsil-Barara, District-Ambala-133101, Haryana, India, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

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

Appendix-I

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

Details of Additional Models:

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



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

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 24th May, 2024

To,

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

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Vikram Solar Limited, B1000A, B1100C, Indospace Industrial Park, Panruti Pvt Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyyur, Kanchipuram, Tamil Nadu-631605, India in respect of 03 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



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

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

Copy for internal circulation to: PS to Secretary / PPS to JS (DDJ)

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

Appendix-I

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

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. Of Cells in Module	System Voltage (V)	Remarks			
1	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.78.585.05 (585 Wp)	PARADEA VSMDH.78.590.05	21.18	Registration No.: R-61002070	156 (Half Cut Cells)	1500	Provisionally Enlisted			
			PARADEA VSMDH.78.585.05	21.00							
			PARADEA VSMDH.78.580.05	20.82							
2	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.72.560.05 (560 Wp)	PARADEA VSMDH.72.565.05	21.91		Registration No.: R-61002070	144 (Half Cut Cells)		1500	Provisionally Enlisted	
			PARADEA VSMDH.72.560.05	21.72							
			PARADEA VSMDH.72.555.05	21.52							
3	Bifacial n Type TOPCon Modules	HYPER SOL VSMDH.72.565.05 (565 Wp)	HYPER SOL VSMDH.72.575.05	22.26		Registration No.: R-61002070	144 (Half Cut Cells)		1500		Provisionally Enlisted
			HYPER SOL VSMDH.72.570.05	22.06							
			HYPER SOL VSMDH.72.565.05	21.87							
			HYPER SOL VSMDH.72.560.05	21.68							



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: 30th May, 2024

To,

M/s. Waaree Energies Limited
S. No. 1934, 1939,1941,1942,
NH-48, Degam, Chikli, Navasari,
Gujarat, India-396530,
Email id: deepentrivedi@waaree.com

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

Sir,

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, India-396530, in respect of 03 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary / PS to JS (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. 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	8,524 MW/Year
Applied Capacity	8,524 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volt	Remarks
1	Mono c-Si PERC Module	WSMD-550 (550Wp)	WSMD-550	21.36	Registration No.: R-72005533	144 (Half Cut Cells)	1500	Provisionally Enlisted
2	Bifacial N-Type TOPCon Module	BiN-17-615 (615 Wp)	BiN-17-605	21.64		156 (Half Cut Cells)	1500	
			BiN-17-610	21.82				
			BiN-17-615	22.00				
			BiN-17-620	22.18				
			BiN-17-625	22.36				
3	Bifacial N-Type TOPCon Module	BiN-08-570 (570 Wp)	BiN-08-560	21.68		144 (Half Cut Cells)	1500	
			BiN-08-565	21.87				
			BiN-08-570	22.07				
			BiN-08-575	22.26				
			BiN-08-580	22.45				



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. Renewsys India Pvt. Ltd.
Plot No. E141, Additional Industrial Area,
MIDC, Patalganga, Tal. Panvel,
Karade Khurd, Raigad-410206,
Maharashtra, India.
Email id: rajendra.kankal@renewsysindia.com

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Renewsys India Pvt. Ltd., Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410206, Maharashtra, India, in respect of 08 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. Renewsys India Pvt. Ltd.
Plant Address	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410206, Maharashtra, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	565 MW/Year
Applied Capacity	565 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	Bifacial Mono c-Si PERC Module	DESERV EXTREME -575 (575 Wp)	DESERV EXTREME-590	21.02	R-61002070	156 (Half Cut Cells)	1500	Provisionally Enlisted
			DESERV EXTREME-585	20.84				
			DESERV EXTREME-580	20.66				
			DESERV EXTREME-575	20.48				
			DESERV EXTREME-570	20.30				
			DESERV EXTREME-565	20.13				
2	Bifacial Mono c-Si PERC Module	DESERV EXTREME -540 (540 Wp)	DESERV EXTREME-560	21.56				
			DESERV EXTREME-555	21.37				
			DESERV EXTREME-550	21.18				
			DESERV EXTREME-545	20.99				
			DESERV EXTREME-540	20.79				
			DESERV EXTREME-535	20.60				
			DESERV EXTREME-530	20.41				
			DESERV EXTREME-525	20.22				
			DESERV EXTREME-520	20.02				
			DESERV EXTREME-515	19.83				
3	Bifacial Mono c-Si PERC Module	DESERV EXTREME -500 (500 Wp)	DESERV EXTREME-510	19.63				
			DESERV EXTREME-505	19.44				
			DESERV EXTREME-500	19.25				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
			DESERV EXTREME-495	19.06				
4	Mono c-Si PERC Module	DESERV EXTREME-455 (455 Wp)	DESERV EXTREME-455	20.91		120 (Half Cut Cells)	1500	
			DESERV EXTREME-450	20.68				
			DESERV EXTREME-445	20.45				
			DESERV EXTREME-440	20.22				
			DESERV EXTREME-435	19.99				
5	Mono c-Si PERC Module	DESERV EXTREME-415 (415 Wp)	DESERV EXTREME-420	21.44		108 (Half Cut Cells)	1500	
			DESERV EXTREME-415	21.18				
			DESERV EXTREME-410	20.93				
			DESERV EXTREME-405	20.67				
6	Mono c-Si PERC Module	DESERV SGALACTIC-555 (555 Wp)	DESERV SGALACTIC-560	21.56		144 (Half Cut Cells)	1500	
			DESERV SGALACTIC-555	21.37				
			DESERV SGALACTIC-550	21.18				
7	Mono c-Si PERC Module	DESERV SGALACTIC-465 (465 Wp)	DESERV SGALACTIC-465	21.37		120 (Half Cut Cells)	1500	
			DESERV SGALACTIC-460	21.14				
8	Mono c-Si PERC Module	DESERV SGALACTIC-415 (415 Wp)	DESERV SGALACTIC-420	21.44		108 (Half Cut Cells)	1500	
			DESERV SGALACTIC-415	21.18				
			DESERV SGALACTIC-410	20.93				
			DESERV SGALACTIC-405	20.67				

SA

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. Renewsys India Pvt. Ltd.
Sy No. 114/P, Srinagar (V),
Fabcity, Maheswaram (M),
Ranga Reddy District,
Telangana-501359, India
Email id: rajendra.kankal@renewsysindia.com

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Renewsys India Pvt. Ltd., Sy. No. 114/P, Srinagar (V), Fabcity, Maheswaram (M), Ranga Reddy District, Telangana-501359, 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. Renewsys India Pvt. Ltd.
Plant Address	Sy No. 114/P, Srinagar (V), Fabcity, Maheswaram(M), Ranga Reddy District, Telangana - 501359, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	576 MW/Year
Applied Capacity	590 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	Bifacial N type TOPCon Modules	DESERV EXTREM E-450 (450 Wp)	DESERV EXTREME -450	22.97	R-63000760	108 (Half Cut Cells)	1500	Provisionally Enlisted																								
			DESERV EXTREME -445	22.72					2	Bifacial N type TOPCon Modules	DESERV EXTREM E-500 (500 Wp)	DESERV EXTREME -500	23.06	120 (Half Cut Cells)	1500	DESERV EXTREME -495	22.83	3	Bifacial N type TOPCon Modules	DESERV EXTREM E-600 (600 Wp)	DESERV EXTREME -600	23.26	144 (Half Cut Cells)	1500	DESERV EXTREME -595	23.06	4	Bifacial N type TOPCon Modules	DESERV EXTREM E-645 (645 Wp)	DESERV EXTREME -650	23.30	156 (Half Cut Cells)
2	Bifacial N type TOPCon Modules	DESERV EXTREM E-500 (500 Wp)	DESERV EXTREME -500	23.06		120 (Half Cut Cells)	1500																									
			DESERV EXTREME -495	22.83					3	Bifacial N type TOPCon Modules	DESERV EXTREM E-600 (600 Wp)	DESERV EXTREME -600	23.26	144 (Half Cut Cells)	1500	DESERV EXTREME -595	23.06	4	Bifacial N type TOPCon Modules	DESERV EXTREM E-645 (645 Wp)	DESERV EXTREME -650	23.30	156 (Half Cut Cells)	1500	DESERV EXTREME -645	23.12				DESERV EXTREME -640	22.94	
3	Bifacial N type TOPCon Modules	DESERV EXTREM E-600 (600 Wp)	DESERV EXTREME -600	23.26		144 (Half Cut Cells)	1500																									
			DESERV EXTREME -595	23.06					4	Bifacial N type TOPCon Modules	DESERV EXTREM E-645 (645 Wp)	DESERV EXTREME -650	23.30	156 (Half Cut Cells)	1500	DESERV EXTREME -645	23.12				DESERV EXTREME -640	22.94										
4	Bifacial N type TOPCon Modules	DESERV EXTREM E-645 (645 Wp)	DESERV EXTREME -650	23.30		156 (Half Cut Cells)	1500																									
			DESERV EXTREME -645	23.12																												
			DESERV EXTREME -640	22.94																												

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				
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				

SK

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				

SK

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. Aatmanirbhar Solar Pvt. Ltd.
Survey No.192, Dudhathal,
Kheda-387620,
Gujarat, India
Email id: niket@aatmanirbharsolar.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Aatmanirbhar Solar Pvt. Ltd., Gujarat- reg.

Sir,

This is in reference to the application received from M/s. Aatmanirbhar Solar 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 Aatmanirbhar Solar Pvt. Ltd., Survey No. 192, Dudhathal, Kheda-387620, Gujarat, India, in respect of 07 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. Aatmanirbhar Solar Pvt. Ltd.
Plant Address	Survey No 192, Dudhathal, Kheda - 387620, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	100 MW/Year
Applied Capacity	100 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
1	Mono c-Si PERC Module	ASPL405M P108 (405 Wp)	ASPL390M P108	19.97	R-72005940	108 (Half Cut Cells)	1500	Provisionally Enlisted
			ASPL395M P108	20.23				
			ASPL400M P108	20.48				
			ASPL405M P108	20.74				
			ASPL410M P108	21.00				
			ASPL415M P108	21.25				
2	Mono c-Si PERC Module	ASPL535M P144 (535 Wp)	ASPL525M P144	20.32				
			ASPL530M P144	20.52				
			ASPL535M P144	20.71				
			ASPL540M P144	20.90				
			ASPL545M P144	21.10				
			ASPL550M P144	21.29				
3	Bifacial Mono c-Si PERC Module	ASPL585M P156 (585 Wp)	ASPL580M P156	20.75	156 (Half Cut Cells)	1500		
			ASPL585M P156	20.93				
			ASPL590M P156	21.11				
4			ASPL415T PC108	21.25		108 (Half	1500	

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
	N Type TOPCon Module	ASPL425T PC108 (425 Wp)	ASPL420T PC108	21.51		Cut Cells)		
			ASPL425T PC108	21.76				
			ASPL430T PC108	22.02				
			ASPL435T PC108	22.28				
5	N Type TOPCon Module	ASPL470T PC120 (470 Wp)	ASPL460T PC120	21.25		120 (Half Cut Cells)	1500	
			ASPL465T PC120	21.48				
			ASPL470T PC120	21.71				
			ASPL475T PC120	21.94				
			ASPL480T PC120	22.17				
6	Bifacial N Type TOPCon Module	ASPL565T PC144 (565 Wp)	ASPL545T PC144	21.10		144 (Half Cut Cells)	1500	
			ASPL550T PC144	21.29				
			ASPL555T PC144	21.48				
			ASPL560T PC144	21.68				
			ASPL565T PC144	21.87				
			ASPL570T PC144	22.06				
			ASPL575T PC144	22.26				
			ASPL580T PC144	22.45				
			ASPL585T PC144	22.64				
7	Bifacial N Type TOPCon Module	ASPL620T PC156 (620 Wp)	ASPL605T PC156	21.64	156 (Half Cut Cells)	1500		
			ASPL610T PC156	21.82				
			ASPL615T PC156	22.00				
			ASPL620T PC156	22.18				
			ASPL625T PC156	22.36				
			ASPL630T PC156	22.54				

SB

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. Goldi Sun Private Limited
Plot No. 5, City Survey No. 920,
Vijalpore Road, TA,
Distt. Navsari,
Gujarat-396445, India.
Email id: hiren.d@goldisolar.com

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

Sir,

This is in reference to the application received from **M/s. Goldi Sun 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 Goldi Sun Private Limited, Plot No. 5, City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat-396445, India in respect of 08 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 (DD)

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. Goldi Sun Private Limited
Plant Address	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat-396445, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	2,209 MW/Year
Applied Capacity	2,209 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 Module	GS10-M144-WF-525 (525 Wp)	GS10-M144-WF-500	19.36	R-72006149	144 (Half-Cut Cells)	1500	Provisionally Enlisted
			GS10-M144-WF-505	19.56				
			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				
2	Bifacial Mono c-Si PERC Module	GS10-B144-TF-535 (535Wp)	GS10-B144-TF-525	20.53	R-72006149	144 (Half-Cut Cells)	1500	Provisionally Enlisted
			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				
3	Bifacial Mono c-	GS10-B144-	GS10-B144-GF-525	20.34	R-72006149	144 (Half-	1500	Provisionally Enlisted
			GS10-B144-GF-530	20.53				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R.No.	No. of Cells in Module	System Voltage in Volts	Remarks
	Si PERC Module	GF-535 (535Wp)	GS10-B144-GF-535	20.73		Cut Cells)		
			GS10-B144-GF-540	20.92				
			GS10-B144-GF-545	21.10				
			GS10-B144-GF-550	21.30				
4	Mono c-Si PERC Module	GS10-M132-WF-500 (500Wp)	GS10-M132-WF-500	21.06		132 (Half Cut Cells)	1500	
			GS10-M132-WF-505	21.28				
5	N-Type TOPCon Modules	GS10-T144-GF-565 (565Wp)	GS10-T144-GF-555	21.47		144 (Half Cut Cells)	1500	
			GS10-T144-GF-560	21.67				
			GS10-T144-GF-565	21.86				
			GS10-T144-GF-570	22.05				
6	N-Type TOPCon Modules	GS10-T132-GF-525 (525Wp)	GS10-T132-GF-515	21.68		132 (Half Cut Cells)	1500	
			GS10-T132-GF-520	21.89				
			GS10-T132-GF-525	22.10				
			GS10-T132-GF-530	22.31				
7	N-Type TOPCon Modules	GS10-T120-GF-475 (475Wp)	GS10-T120-GF-465	21.47		120 (Half Cut Cells)	1500	
			GS10-T120-GF-470	21.70				
			GS10-T120-GF-475	21.93				
			GS10-T120-GF-480	22.16				
8	N-Type TOPCon Modules	GS10-T108-GF-425 (425Wp)	GS10-T108-GF-415	21.15		108 (Half Cut Cells)	1500	
			GS10-T108-GF-420	21.41				
			GS10-T108-GF-425	21.66				
			GS10-T108-GF-430	21.92				
			GS10-T108-GF-435	22.17				

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: 01st August, 2024

To,

M/s. Bluebird Solar Private Limited
Plot No:5, Ecotech-II, Udyog Vihar,
Khasra No. 739, Greater Noida-201306
Uttar Pradesh, India.
Email id: abhay@bluebirdsolar.in

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Bluebird Solar Private Limited, Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



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

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

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

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

Appendix-I

Name of Manufacturer	M/s. Bluebird Solar Private Limited
Plant Address	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	100 MW/Year
Applied Capacity	100 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage (Volts)	Remarks
1	Bifacial Mono c-Si PERC Module	BBS24M C460-TB (460 Wp)	BBS24MC 440-TB	19.76	R-93014680	120 (Half Cut Cells)	1500	Provisionally Enlisted
			BBS24MC 445-TB	19.99				
			BBS24MC 450-TB	20.21				
			BBS24MC 455-TB	20.44				
			BBS24MC 460-TB	20.66				
			BBS24MC 465-TB	20.89				
			BBS24MC 470-TB	21.11				
			BBS24MC 475-TB	21.33				
2	Bifacial Mono c-Si PERC Module	BBS24M C495-TB (495 Wp)	BBS24MC 480-TB	19.94	R-93014680	132 (Half Cut Cells)	1500	Provisionally Enlisted
			BBS24MC 485-TB	20.14				
			BBS24MC 490-TB	20.35				
			BBS24MC 495-TB	20.56				
			BBS24MC 500-TB	20.77				
			BBS24MC 505-TB	20.97				
			BBS24MC 510-TB	21.18				
3	Bifacial Mono c-Si		BBS24MC 520-TB	19.12	R-93014680	144 (Half)	1500	Provisionally Enlisted

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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 (Volts)	Remarks
	PERC Module	BBS24M C525-TB (525 Wp)	BBS24MC 525-TB	19.31		Cut Cells)		
			BBS24MC 530-TB	19.49				
			BBS24MC 535-TB	19.67				
			BBS24MC 540-TB	19.86				
			BBS24MC 545-TB	20.04				
			BBS24MC 550-TB	20.23				
			4	Bifacial Mono c-Si PERC Module				
BBS24MC 560-TB	20.59							
BBS24MC 565-TB	20.78							
BBS24MC 570-TB	20.96							
BBS24MC 575-TB	21.14							
5	Mono c-Si PERC Module	BBS24M C570 (570 Wp)	BBS24MC 555	20.41		144 (Half Cut Cells)	1500	
			BBS24MC 560	20.59				
			BBS24MC 565	20.78				
			BBS24MC 570	20.96				
			BBS24MC 575	21.14				

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: 01st August, 2024

To,

M/s. Grew Energy Private Limited,
Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214,
DUDU Jaipur,
Rajasthan-303008, India.
Email id: sankar.r@grew.one

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

Sir,

This is in reference to the application received from M/s. Grew 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. Grew Energy Private Limited, Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan-303008, India in respect of 06 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. Grew Energy Private Limited
Plant Address	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan-303008, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1,150 MW/Year
Applied Capacity	1,200 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 in Volts	Remarks
1	N-type TOPCon Modules	GTG78H M10615 (615 Wp)	GTG78H M10635	22.72	R-84004332	156 (Half Cut Cells)	1500	Provisionally Enlisted
			GTG78H M10630	22.54				
			GTG78H M10625	22.36				
			GTG78H M10620	22.18				
			GTG78H M10615	22.00				
			GTG78H M10610	21.82				
			GTG78H M10605	21.64				
2	N-type TOPCon Modules	GTG72H M10580 (580 Wp)	GTG72H M10590	22.84		144 (Half cut Cells)	1500	
			GTG72H M10585	22.64				
			GTG72H M10580	22.45				
			GTG72H M10575	22.26				
			GTG72H M10570	22.06				
3	N-type TOPCon Modules	GTG66H M10525 (525 Wp)	GTG66H M10540	22.73		132 (Half cut Cells)	1500	
			GTG66H M10535	22.52				
			GTG66H M10530	22.31				
			GTG66H M10525	22.10				



S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
			GTG66H M10520	21.89				
			GTG66H M10515	21.68				
4	N-type TOPCon Modules	GTG60H M10475 (475 Wp)	GTG60H M10490	22.62		120 (Half cut Cells)	1500	
			GTG60H M10485	22.39				
			GTG60H M10480	22.16				
			GTG60H M10475	21.93				
			GTG60H M10470	21.70				
			GTG60H M10465	21.47				
			GTG60H M10465	21.47				
5	N-type TOPCon Modules	GTG54H M10425 (425 Wp)	GTG54H M10440	22.49		108 (Half Cut Cells)	1500	
			GTG54H M10435	22.24				
			GTG54H M10430	21.98				
			GTG54H M10425	21.73				
			GTG54H M10420	21.47				
			GTG54H M10415	21.21				
			GTG54H M10415	21.21				
6	N-type TOPCon Modules	GTG48H M10375 (375 Wp)	GTG48H M10390	22.33		96 (Half Cut Cells)	1500	
			GTG48H M10385	22.04				
			GTG48H M10380	21.76				
			GTG48H M10375	21.47				
			GTG48H M10370	21.19				
			GTG48H M10365	20.90				
			GTG48H M10365	20.90				

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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: 01st August, 2024

To,

M/s. Icon Solar En Power Technologies Private Limited
PH No. 09,
Gram Dighari Mandir Hasaud,
The Arang, Raipur-492001,
Chhattisgarh, India.
Email id: iconsolaren@gmail.com

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

Sir,

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, India, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

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

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

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

Appendix-I

Name of Manufacturer	M/s Icon Solar En Power Technologies Private Limited
Plant Address	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur-492001, Chhattisgarh, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	186 MW/Year
Applied Capacity	400 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
1	Bifacial N-type TOPCon Module	ISEN610N-TOP (610 Wp)	ISEN620N-TOP	22.19	R-59000140	156 (Half Cut Cell)	1500	Provisionally Enlistment
			ISEN615N-TOP	22.01				
			ISEN610N-TOP	21.83				
			ISEN605N-TOP	21.65				
			ISEN600N-TOP	21.47				
2	Bifacial N-type TOPCon Module	ISEN575N-TOP (575 Wp)	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				
3	Bifacial N-type TOPCon Module	ISEN530N-TOP (530 Wp)	ISEN540N-TOP	22.74		132 (Half Cut Cell)	1500	
			ISEN535N-TOP	22.53				
			ISEN530N-TOP	22.32				

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volts	Remarks
			ISEN525N-TOP	22.11				
			ISEN520N-TOP	21.90				
4	Bifacial N-type TOPCon Module	ISEN480N-TOP (480 Wp)	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				
5	Bifacial N-type TOPCon Module	ISEN430N-TOP (430 Wp)	ISEN440N-TOP	22.53				
			ISEN435N-TOP	22.28				
			ISEN430N-TOP	22.02				
			ISEN425N-TOP	21.76				
			ISEN420N-TOP	21.51				

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 August, 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, India.
Email id: gopal.kumar@vikramsolar.com

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Vikram Solar Limited, Sec-II, Falta Special Economic Zone, Falta, District: South 24-Parganas, P.S: Ramnagar, P.O: Falta S.O-743504, 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. Vikram Solar Limited
Plant Address	Sec-II, Falta Special Economic Zone, Falta, District: South 24-Parganas, P.S: Ramnagar, P.O: Falta S.O-743504, West Bengal, India.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	1,325 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 in Volts	Remarks
1	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.78.58 5.05 (585 Wp)	PARADEA VSMDH.78.570.05	20.47	R-510005 66	156 (Half Cut Cells)	1500	Provisionally Enlisted
			PARADEA VSMDH.78.575.05	20.64				
			PARADEA VSMDH.78.580.05	20.82				
			PARADEA VSMDH.78.585.05	21.00				
			PARADEA VSMDH.78.590.05	21.18				
			PARADEA VSMDH.78.595.05	21.36				
2	Mono c-Si PERC Modules (Glass to Glass)	PARADEA VSMDH.66.50 0.05 (500 Wp)	PARADEA VSMDH.66.490.05	20.61		132 (Half Cut Cells)	1500	
			PARADEA VSMDH.66.500.05	21.04				



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 August, 2024

To,

M/s. Novasys Greenergy Private Limited
Khasra No. 185, Mouza: Mahalgaon,
Tehsil: Kamptee, Nagpur - 441202
Maharashtra, India.
Email id: sushilbansal@novasysgreen.com

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

Sir,

This is in reference to the application received from **M/s. Novasys Greenergy 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 Novasys Greenergy Private Limited, Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra, India, in respect of 06 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. Novasys Greenergy Private Limited
Plant Address	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra, India.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	261 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 in Volts	Remarks
1	Bifacial Mono c-Si PERC Modules	NOVA265BF72 (265 Wp)	NOVA260BF72	19.43	R-71010499	72 (Half Cut Cell)	1500	Provisionally Enlisted
			NOVA265BF72	19.80				
			NOVA270BF72	20.18				
			NOVA275BF72	20.55				
2	Bifacial Mono c-Si PERC Modules	NOVA355BF96 (355 Wp)	NOVA345BF96	19.63				
			NOVA350BF96	19.91				
			NOVA355BF96	20.20				
			NOVA360BF96	20.48				
3	Bifacial Mono c-Si PERC Modules	NOVA400BF108 (400 Wp)	NOVA380BF108	19.37				
			NOVA385BF108	19.62				
			NOVA390BF108	19.88				
			NOVA395BF108	20.13				
			NOVA400BF108	20.39				
			NOVA405BF108	20.64				
			NOVA410BF108	20.90				
4	Bifacial Mono c-Si PERC Modules	NOVA440BF120 (440 Wp)	NOVA425BF120	19.57				
			NOVA430BF120	19.80				
			NOVA435BF120	20.03				
			NOVA440BF120	20.26				
			NOVA445BF120	20.49				
			NOVA450BF120	20.72				
			NOVA455BF120	20.95				
		NOVA460BF120	21.18					

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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	
5	Bifacial Mono c-Si PERC Modules	NOVA485BF132 (485 Wp)	NOVA465BF132	19.58		132 (Half Cut Cell)	1500		
			NOVA470BF132	19.79					
			NOVA475BF132	20.00					
			NOVA480BF132	20.21					
			NOVA485BF132	20.42					
			NOVA490BF132	20.63					
			NOVA495BF132	20.84					
			NOVA500BF132	21.06					
			NOVA505BF132	21.27					
6	Bifacial Mono c-Si PERC Modules	NOVA535BF144 (535 Wp)	NOVA520BF144	20.13		144 (Half Cut Cell)	1500		
			NOVA525BF144	20.32					
			NOVA530BF144	20.52					
			NOVA535BF144	20.71					
			NOVA540BF144	20.90					
			NOVA545BF144	21.10					
			NOVA550BF144	21.29					

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