

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	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-QB620-132	19.52	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								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							
					SGM-400	20.61							
					SGM-395	20.36							
					SGM-390	20.01							
					SGM-385	19.84							
					SGM-380	19.58							
					SGM-375	19.33							
					SGM-345	19.3							
					SGM-340	19.02							
					SGM-330	17.01							
					SG-325	16.75							
					SG-320	16.49							
SG-315	16.23												
SG-310	15.98												
SG-300	15.46												
SG-300Z	16.78												
SG-250	15.4												
SG-200	15.2												
SG-200Z	16.89												
SG-150	15.03												
H300P72	14.9												
H305P72	15.14												
H310P72	15.39												
H315P72	15.64												
H320P72	15.89												
H325P72	16.14												
H330P72	16.39												
H335P72	16.63												
H150P36	14.76												
H155P36	15.26												
H160P36	15.75												
H500M144	19.36												
H505M144	19.55												
H510M144	19.74												
H515M144	19.94												
H520M144	20.13												
H525M144	20.32												
57	M/s Ganesh Electricals Pvt. Ltd	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	R-72005886	69	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)	SGM-400 SGM-395 SGM-390 SGM-385 SGM-380 SGM-375 SGM-345 SGM-340	20.61 20.36 20.01 19.84 19.58 19.33 19.3 19.02	72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-340	19.02	66 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Mono PERC C-Si Modules	SGM-150 (150 Wp)	SGM-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	SG-315 (315 Wp)	SG-330 SG-325 SG-320 SG-315 SG-310 SG-300	17.01 16.75 16.49 16.23 15.98 15.46	72 (Full Cell)	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	SG-300Z (300 Wp)	SG-300Z	16.78	66 (Full Cell)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	SG-250 (250 Wp)	SG-250	15.4	60 (Full Cell)	1500	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	SG-200 (200 Wp)	SG-200	15.2	48 (Full Cell)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	SG-200Z (200 Wp)	SG-200Z	16.89	42 (Full Cell)	1500	25.01.2023	24.01.2025
					x	Multi C-Si Modules	SG-150 (150 Wp)	SG-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
58	M/s. H R Solar Solution Private Limited	Raghudebpur, NH-6, Panchla, Block- Uluberia-II, Uluberia, Howrah - 711322, West Bengal	R-51001686	136	i	Multi C-Si Modules	H315P72 (315 Wp)	H300P72 H305P72 H310P72 H315P72 H320P72 H325P72 H330P72 H335P72	14.9 15.14 15.39 15.64 15.89 16.14 16.39 16.63	72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	H335P72 (335 Wp)	H330P72 H335P72 H150P36 H155P36 H160P36	16.39 16.63 14.76 15.26 15.75	72 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	H155P36 (155 Wp)	H150P36 H155P36 H160P36	14.76 15.26 15.75	36 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Mono c-Si PERC Module	H525M144 (525 Wp)	H500M144 H505M144 H510M144 H515M144 H520M144 H525M144	19.36 19.55 19.74 19.94 20.13 20.32	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025



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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xix	Multi C-Si Modules	P572FP320Wp (320 Wp)	P572FP310Wp	15.7	72 (Full Cells)	1500	25.01.2023	24.01.2025
								P572FP315Wp	15.95				
								P572FP320Wp	16.2				
								P572FP325Wp	16.46				
					xx	Multi C-Si Modules	P572FP330Wp	P572FP330Wp	16.71				
								P572FP335Wp	16.96				
								P572FPD300Wp	15.19				
								P572FPD305Wp	15.44				
					xxi	Mono C-Si Modules	P572FPD310Wp	P572FPD310Wp	15.7				
								P572FPD315Wp	15.95				
								P572FPD320Wp	15.2				
								P572FPD325Wp	16.46				
xxii	Mono C-Si Modules	P572FMP360Wp (360Wp)	P572FMP330Wp	16.71									
			P572FMP335Wp	17.97									
			P572FMP360Wp	18.22									
			P572FMP370Wp	18.73									
61	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)	P572FMP390Wp	19.24	72 (Full Cells)	1500	25.01.2023	24.01.2025
								P572FMP390Wp	19.75				
								P572FMP355Wp	20				
								USEL365MP72	18.39				
								USEL370MP72	18.64				
								USEL375MP72	18.89				
					ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL380MP72	19.14				
								USEL385MP72	19.4				
								USEL390MP72	19.65				
								USEL395MP72	19.9				
								USEL305P72	15.72				
								USEL310P72	15.98				
62	M/s. Fujiyama Power Systems Private Limited	Plot No. 51,52 Sector- Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh	R-93022209	95	i	Mono PERC C-Si Modules	UTL530-72M (530 Wp)	USEL315P72	16.23	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL320P72	16.49				
								USEL325P72	16.75				
								USEL330P72	17.01				
					ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	USEL335P72	17.26				
								UTL540-72M	20.75				
								UTL540-144M	20.75				
								UTL535-72M	20.55				
					iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL530-72M	20.35				
								UTL525-72M	20.15				
								UTL520-72M	20				
								UTL440-72M	20.2				
iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL435-72M	19.97									
			UTL430-72M	19.78									
			UTL425-72M	19.51									
			UTL440-144M	20.2									
v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL435-144M	19.97									
			UTL430-144M	19.78									
			UTL425-144M	19.51									
			UTL400-72MI	20.06									
vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL395-72MI	19.8									
			UTL385-72MI	19.3									
			UTL380-72MI	19.05									
			UTL400-72M	20.06									
vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL395-72M	19.55									
			UTL385-72M	19.3									
viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL335-72PI	16.89									
			UTL330-72P	16.65									
ix	Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL330-72P	17.26									
			UTL275-60PI	16.9									
x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL270-60PI	16.6									
			UTL265-60PI	16.3									
xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL275-60P	16.9									
			UTL270-60P	16.6									
xii	Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL265-60P	16.3									
			UTL195-36MI	19.2									
			UTL190-36MI	18.75									
			UTL205-36M	20.2									
							UTL200-36M	19.7					
							UTL195-36M	19.2					
							UTL190-36M	18.75					
							UTL165-36PI	16.7					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL160-36PI UTL155-36PI	16.15 15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL165-36P UTL160-36P UTL155-36P	16.7 16.15 15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL150-36P	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P UTL105-36P UTL100-36P	16.38 15.63 14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI UTL105-36PI UTL100-36PI	16.38 15.63 14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xvii	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xviii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL60-36PI	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxix	Multi- C-Si Modules	UTL55-36PI (55 Wp)	UTL55-36PI	13.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxx	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxxi	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxxii	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI	16.11	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxxiii	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P	14.32	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					63	M/s. Genus Innovation Limited	SPL-2B, RIICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	R-84003395	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72	18.55	72 (Full Cells)	1500	27.02.2023	26.02.2025		
													GM365F72	18.81						
GM370F72	19.07																			
GM375F72	19.33																			
GM380F72	19.58																			
GM385F72	19.84																			
GM390F72	20.1																			
GI305F72	15.72																			
GI310F72	15.98																			
GI315F72	16.23																			
GI320F72	16.49																			
GI325F72	16.75																			
GI330F72	17.01																			
GI335F72	17.27																			
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												
64	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								SS 540-144R M10	20.92											
								SS 535-144R M10	20.73											
								SS 530-144R M10	20.54											
								SS 525-144R M10	20.34											
								SS 500-132R M10	21.06											
								SS 495-132R M10	20.85											
								SS 490-132R M10	20.64											
								SS 485-132R M10	20.43											
								SS 480-132R M10	20.22											
ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 495-132R M10 SS 490-132R M10	20.85 20.64	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027												
65	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonapat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027							
								RSL72FM-380WP	19.4											
								RSL72FM-370WP	19.2											
								RSL600M	21.28											
								RSL595M	21.11											
								RSL590M	20.94											
								ii	Mono PERC Module					RSL100M (100 Wp)	RSL100M RSL100M	20.94 20.94	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027



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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SL72M6-395	19.73				
								SL72M6-400	20.15				
								SL72M6-405	20.4				
								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				
								INA-144MHC-WF-520	20.14				
								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												
INA-144MHC-TF-520	20.14												
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												
INA-132MHC-WF-480	20.19												
INA-132MHC-WF-485	20.41												
INA-132MHC-WF-490	20.62												
INA-132MHC-WF-495	20.83												
INA-132MHC-WF-500	21.04												
INA-132MHC-TF-480	20.19												
INA-132MHC-TF-485	20.41												
INA-132MHC-TF-490	20.62												
INA-132MHC-TF-495	20.83												
INA-132MHC-TF-500	21.04												
INA-120MHC-WF-435	20.04												
INA-120MHC-WF-440	20.27												
INA-120MHC-WF-445	20.5												
INA-120MHC-WF-450	20.73												
INA-120MHC-TF-435	20.04												
INA-120MHC-TF-440	20.27												
INA-120MHC-TF-445	20.5												
INA-120MHC-TF-450	20.73												
INA-108MHC-WF-390	19.86												
INA-108MHC-WF-395	20.11												
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												
INA-108MHC-TF-405	20.62												
INA-144MHC-WF-550	21.29												
INA-144MHC-WF-555	21.48												
INA-144MHC-WF-560	21.68												
INA-144MHC-TF-550	21.29												
INA-144MHC-TF-555	21.48												
INA-144MHC-TF-560	21.68												
APSAM-545/144	21.12												
APSAM-540/144	20.91												
APSAM-535/144	20.73												
APSAM-530/144	20.53												
APSAM-525/144	20.35												
APSAM-520/144	20.16												
APSAM-515/144	19.98												
APSAM-510/144	19.79												
APSAM-505/144	19.60												
APSAM-500/144	19.42												
APSAM-495/132	20.85												
APSAM-490/132	20.64												
APSAM-485/132	20.43												
APSAM-480/132	20.22												
APSAM-475/132	20.01												
APSAM-450/120	20.73												
APSAM-445/120	20.50												
APSAM-440/120	20.27												
APSAM-435/120	20.04												
APSAM-410/108	20.98												
APSAM-405/108	20.72												
APSAM-400/108	20.47												
APSAM-395/108	20.21												
APSAM-390/108	19.96												
68	M/s. Insoletion Green Energy Pvt. Ltd	Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan	R-84003549	430	i	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	INA-144MHC-WF-520 INA-144MHC-WF-525 INA-144MHC-WF-530 INA-144MHC-WF-535 INA-144MHC-WF-540 INA-144MHC-WF-545 INA-144MHC-TF-520 INA-144MHC-TF-525 INA-144MHC-TF-530 INA-144MHC-TF-535 INA-144MHC-TF-540 INA-144MHC-TF-545	20.14 20.33 20.53 20.72 20.91 21.11 20.14 20.33 20.53 20.72 20.91 21.11	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-TF-520 INA-144MHC-TF-525 INA-144MHC-TF-530 INA-144MHC-TF-535 INA-144MHC-TF-540 INA-144MHC-TF-545	20.14 20.33 20.53 20.72 20.91 21.11	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-132MHC-WF-480 INA-132MHC-WF-485 INA-132MHC-WF-490 INA-132MHC-WF-495 INA-132MHC-WF-500	20.19 20.41 20.62 20.83 21.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-480 INA-132MHC-TF-485 INA-132MHC-TF-490 INA-132MHC-TF-495 INA-132MHC-TF-500	20.19 20.41 20.62 20.83 21.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-435 INA-120MHC-WF-440 INA-120MHC-WF-445 INA-120MHC-WF-450	20.04 20.27 20.5 20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-435 INA-120MHC-TF-440 INA-120MHC-TF-445 INA-120MHC-TF-450	20.04 20.27 20.5 20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-390 INA-108MHC-WF-395 INA-108MHC-WF-400 INA-108MHC-WF-405	19.86 20.11 20.37 20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-TF-390 INA-108MHC-TF-395 INA-108MHC-TF-400 INA-108MHC-TF-405	19.86 20.11 20.37 20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-144MHC-WF-550 INA-144MHC-WF-555 INA-144MHC-WF-560	21.29 21.48 21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027
					x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-TF-550 INA-144MHC-TF-555 INA-144MHC-TF-560	21.29 21.48 21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027
69	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 APSAM-535/144 APSAM-530/144 APSAM-525/144 APSAM-520/144 APSAM-515/144 APSAM-510/144 APSAM-505/144 APSAM-500/144	21.12 20.91 20.73 20.53 20.35 20.16 19.98 19.79 19.60 19.42	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-495/132 APSAM-490/132 APSAM-485/132 APSAM-480/132 APSAM-475/132	20.85 20.64 20.43 20.22 20.01	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-450/120 APSAM-445/120 APSAM-440/120 APSAM-435/120	20.73 20.50 20.27 20.04	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-410/108 APSAM-405/108 APSAM-400/108 APSAM-395/108 APSAM-390/108	20.98 20.72 20.47 20.21 19.96	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	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	APSAM-360/96 (360Wp)	APSAM-365/96	20.92	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-360/96	20.64				
								APSAM-355/96	20.35				
								APSAM-350/96	20.06				
								APSAM-275/72	20.82				
					vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-270/72	20.45				
								APSAM-265/72	20.07				
								APSAM-260/72	19.69				
								Orb410M66-15	21.02				
								Orb405M66-15	20.77				
70	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)	Orb400M66-15	20.51	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				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb440M72-15	20.72				
								Orb435M72-15	20.48				
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
								SMF72HM10-505	19.55				
71	M/s. Solex Energy Limited	Plot No 1A, Block 93B, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-510	19.74	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-515	19.94				
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-535	20.71				
								SMF72HM10-540	20.91				
								SMF72HM10-545	21.10				
								SMF72HM10-550	21.30				
								SMF72HM10-555	21.49				
iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-500	19.36									
			SMFB72HM10-505	19.55									
			SMFB72HM10-510	19.74									
			SMFB72HM10-515	19.94									
			SMFB72HM10-520	20.13									
iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-525	20.32									
			SMFB72HM10-530	20.52									
			SMFB72HM10-540	20.91									
			SMFB72HM10-545	21.10									
			SMFB72HM10-550	21.30									
v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMFB72HM10-555	21.49									
			SMF66HM10-460	19.37									
			SMF66HM10-465	19.59									
			SMF66HM10-470	19.80									
			SMF66HM10-475	20.02									
vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-480	20.24									
			SMF66HM10-485	20.44									
			SMF66HM10-490	20.65									
			SMF66HM10-495	20.86									
			SMF66HM10-500	21.07									
vii	Mono c-Si PERC Module	SMFB66HM10-475 (475Wp)	SMF66HM10-505	21.28									
			SMFB66HM10-460	19.37									
			SMFB66HM10-465	19.59									
			SMFB66HM10-470	19.80									
			SMFB66HM10-475	20.02									
viii	Mono c-Si PERC Module	SMFB66HM10-495 (495Wp)	SMFB66HM10-480	20.24									
			SMFB66HM10-485	20.44									
			SMFB66HM10-490	20.65									
			SMFB66HM10-495	20.86									
			SMFB66HM10-500	21.07									
ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMFB66HM10-505	21.28									
			SMF60HM10-420	19.37									
			SMF60HM10-425	19.61									
			SMF60HM10-430	19.83									
			SMF60HM10-435	20.06									
			SMF60HM10-440	20.29									
			SMF60HM10-445	20.51									
			SMF60HM10-450	20.75									
			SMF60HM10-455	20.98									
			SMF60HM10-460	21.21									
x	Mono c-Si PERC Module	SMFB60HM10-440 (440Wp)	SMF60HM10-460	21.21									
			SMFB60HM10-420	19.37									
			SMFB60HM10-425	19.61									
			SMFB60HM10-430	19.83									
			SMFB60HM10-435	20.06									
			SMFB60HM10-440	20.29									
			SMFB60HM10-445	20.51									
			SMFB60HM10-450	20.75									
			SMFB60HM10-455	20.98									
			SMFB60HM10-460	21.21									
							SMF54HM10-375	19.20					





S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SMB66HM10-475	20.02				
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-480	20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB66HM10-485				20.65					
				SMB66HM10-490				20.86					
				SMB66HM10-495				21.07					
				SMB66HM10-500				21.28					
								SMB66HM10-455	19.16				
					xxvii	Bifacial Mono c-Si PERC Modules	SMB866HM10-465 (465Wp)	SMB866HM10-460	19.37	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB866HM10-465				19.59					
				SMB866HM10-470				19.80					
				SMB866HM10-475				20.02					
				SMB866HM10-480				20.24					
								SMB866HM10-485	20.44				
					xxviii	Bifacial Mono c-Si PERC Modules	SMB866HM10-490 (490Wp)	SMB866HM10-490	20.65	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB866HM10-495				20.86					
				SMB866HM10-500				21.07					
				SMB60HM10-415				19.13					
				SMB60HM10-420				19.37					
								SMB60HM10-425	19.61				
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-430	19.83	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB60HM10-435				20.06					
				SMB60HM10-440				20.29					
				SMB60HM10-445				20.51					
				SMB60HM10-450				20.75					
								SMB60HM10-455	20.98				
					xxx	Bifacial Mono c-Si PERC Modules	SMB860HM10-435 (435Wp)	SMB860HM10-415	19.13	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB860HM10-420				19.37					
				SMB860HM10-425				19.61					
				SMB860HM10-430				19.83					
				SMB860HM10-435				20.06					
								SMB860HM10-440	20.29				
					xxxi	Bifacial Mono c-Si PERC Modules	SMB860HM10-445 (445Wp)	SMB860HM10-445	20.51	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB860HM10-450				20.75					
				SMB860HM10-455				20.98					
				SMB860HM10-415				19.13					
				SMB860HM10-420				19.37					
								SMB860HM10-425	19.61				
					xxxii	Bifacial Mono c-Si PERC Modules	SMB860HM10-435 (435Wp)	SMB860HM10-430	19.83	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB860HM10-435				20.06					
				SMB860HM10-440				20.29					
				SMB860HM10-445				20.51					
				SMB860HM10-450				20.75					
								SMB860HM10-455	20.98				
					xxxiii	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-375	19.2	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB54HM10-380				19.46					
				SMB54HM10-385				19.73					
				SMB54HM10-390				19.98					
				SMB54HM10-395				20.23					
								SMB54HM10-400	20.49				
					xxxiv	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-405	20.73	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB54HM10-410				21.00					
				SMB54HM10-375				19.20					
				SMB54HM10-380				19.46					
				SMB54HM10-385				19.73					
								SMB54HM10-390	19.98				
					xxxv	Bifacial Mono c-Si PERC Modules	SMB854HM10-385 (385Wp)	SMB854HM10-395	20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB854HM10-400				20.49					
				SMB854HM10-405				20.73					
				SMB854HM10-410				21.00					
				SMB854HM10-335				19.21					
								SMB848HM10-340	19.50				
					xxxvi	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMB48HM10-345	19.78	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB48HM10-350				20.06					
				SMB48HM10-355				20.34					
				SMB48HM10-360				20.62					
				SMB48HM10-365				20.91					
								SMB48HM10-335	19.21				
					xxxvii	Bifacial Mono c-Si PERC Modules	SMB848HM10-350 (350Wp)	SMB848HM10-345	19.78	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB848HM10-350				20.06					
				SMB848HM10-355				20.34					
				SMB848HM10-360				20.62					
				SMB848HM10-365				20.91					
								SMB42HM10-295	19.21				
					xxxviii	Bifacial Mono c-Si PERC Modules	SMB42HM10-305 (305Wp)	SMB42HM10-300	19.54	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB42HM10-305				19.88					
				SMB42HM10-310				20.20					
				SMB42HM10-315				20.50					
				SMB42HM10-320				20.80					
								SMB42HM10-295	19.21				
					xxxix	Bifacial Mono c-Si PERC Modules	SMB842HM10-305 (305Wp)	SMB842HM10-300	19.54	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB842HM10-305				19.88					
				SMB842HM10-310				20.20					
				SMB842HM10-315				20.50					
				SMB842HM10-320				20.80					
								SMB36HM10-255	19.25				
					xxxix	Bifacial Mono c-Si PERC Modules	SMB36HM10-265 (265Wp)	SMB36HM10-260	19.63	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
				SMB36HM10-265				19.66					
				SMB36HM10-270				20.36					
				SMB36HM10-275				20.73					
				SMB836HM10-255				19.25					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					xi	Bifacial Mono c-Si PERC Modules	SMBB36HM10-265 (265Wp)	SMBB36HM10-260	19.63	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027												
								SMBB36HM10-265	19.99																
								SMBB36HM10-270	20.26																
								SMBB36HM10-275	20.73																
					xii	Mono c-Si PERC Module	JKM-SMF-540P-72HL4-V (540Wp)	JKM-SMF-530P-72HL4-V	20.52	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027												
								JKM-SMF-535P-72HL4-V	20.71																
								JKM-SMF-540P-72HL4-V	20.91																
								JKM-SMF-545P-72HL4-V	21.10																
								JKM-SMF-550P-72HL4-V	21.30																
								GS10-M144-WF-500	19.36					144 (Half Cut Cell)	1500	20.09.2023	19.09.2027								
								GS10-M144-WF-505	19.56																
								GS10-M144-WF-510	19.75																
GS10-M144-WF-515	19.94																								
GS10-M144-WF-520	20.14																								
GS10-M144-WF-525	20.33																								
GS10-M144-WF-530	20.53																								
GS10-M144-WF-535	20.73																								
72	M/s. Goldi Solar Pvt Limited	Block No:149, Plot No: J&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)	GS10-M132-WF-480	20.22	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027												
								GS10-M132-WF-485	20.43																
								GS10-M132-WF-490	20.64																
								GS10-M132-WF-495	20.85																
								GS10-M132-WF-500	21.06																
								GS10-M132-WF-505	21.28																
								73	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	499	i	Mono c-Si PERC Module	TP440HGZ(H), (440Wp)	TP455HGZ(H)	20.46	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
																				TP450HGZ(H)	20.23				
																				TP445HGZ(H)	20.01				
																				TP440HGZ(H)	19.78				
																				TP435HGZ(H)	19.56				
																				TP430HGZ(H)	19.34				
ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP425HGZ(H)	19.11	156 (Half Cut Cell)	1500	20.09.2023			19.09.2027															
			TP595LG10	21.36																					
			TP590LG10	21.18																					
			TP585LG10	21.00																					
			TP580LG10	20.83																					
			TP575LG10	20.65																					
iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP570LG10	20.47	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027																	
			TP565LG10	20.29																					
			TP560LG10	20.11																					
			TP555LG10	19.93																					
			TP550HG10	21.34																					
			TP545HG10	21.14																					
			TP540HG10	20.95																					
			TP5435HG10	20.76																					
			TP530HG10	20.56																					
			TP525HG10	20.37																					
			TP520HG10	20.17																					
			TP515HG10	19.98																					
iv	Mono c-Si PERC Module	TP480VG10, (480Wp)	TP510HG10	19.79	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027																	
			TP505HG10	19.59																					
			TP500VG10	20.82																					
			TP495VG10	20.61																					
			TP490VG10	20.40																					
			TP485VG10	20.19																					
			TP480VG10	19.98																					
			TP475VG10	19.77																					
			TP470VG10	19.57																					
			TP465VG10	19.36																					
			TP460VG10	19.15																					
			v	Mono c-Si PERC Module					TP440MG10, (440Wp)	TP455MG10	20.81	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027										
TP450MG10	20.58																								
TP445MG10	20.35																								
TP440MG10	20.12																								
TP435MG10	19.89																								
TP430MG10	19.66																								
TP425MG10	19.43																								
TP420MG10	19.21																								
TP410SG10	20.72																								
TP405SG10	20.47																								
TP400SG10	20.21																								
74	M/s. Surya International Enterprise Private Limited	Plot No. 54-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa			R-52000175	77	i	Mono PERC c-Si Modules		SIS65M10-156 (565)	TP395SG10					19.96	156 (Half Cut Cell)	1500	16.11.2023	15.11.2027					
			TP390SG10	19.71																					
			TP385SG10	19.46																					
			SIS85M10-156	20.93																					
			SIS80M10-156	20.75																					
			SIS75M10-156	20.57																					
			SIS70M10-156	20.39																					
			SIS65M10-156	20.21																					
			SIS60M10-156	20.03																					
			SIS55M10-156	19.85																					
			SIS50M10-156	19.68																					
			SIS45M10-156	19.5																					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	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	SI525M10-144 (525)	SI540M10-156	19.32	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI550M10-144	21.27				
								SI545M10-144	21.08				
								SI540M10-144	20.89				
								SI535M10-144	20.69				
								SI530M10-144	20.5				
								SI525M10-144	20.31				
								SI520M10-144	20.11				
								SI515M10-144	19.92				
								SI510M10-144	19.73				
								SI505M10-144	19.53				
								SI500M10-144	19.34				
								SI495M10-132	20.84				
								SI490M10-132	20.63				
					iii	Mono PERC c-Si Modules	SI475M10-132 (475)	SI485M10-132	20.41	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI480M10-132	20.2				
								SI475M10-132	19.99				
								SI470M10-132	19.78				
								SI465M10-132	19.57				
								SI460M10-132	19.36				
								SI455M10-132	19.15				
								SI450M10-120	20.78				
								SI445M10-120	20.55				
								SI440M10-120	20.31				
								SI435M10-120	20.08				
								SI430M10-120	19.85				
								SI425M10-120	19.62				
								SI420M10-120	19.39				
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)	SI415M10-120	19.16	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI405M10-108	20.69				
								SI400M10-108	20.44				
								SI395M10-108	20.18				
								SI390M10-108	19.93				
								SI385M10-108	19.67				
								SI380M10-108	19.41				
								SI375M10-108	19.16				
								SI365M10-96	20.87				
								SI360M10-96	20.59				
								SI355M10-96	20.3				
								SI350M10-96	20.02				
								SI340M10-96	19.44				
								SI335M10-96	19.16				
v	Mono PERC C-Si Modules	SI390M10-108 (390)	SI320M10-84	20.78	108 (Half Cut Cell)	1500	16.11.2023	15.11.2027					
			SI315M10-84	20.45									
			SI310M10-84	20.13									
			SI305M10-84	19.8									
			SI300M10-84	19.48									
			SI295M10-84	19.15									
			SI270M10-72	20.38									
			SI265M10-72	20.01									
			SI260M10-72	19.63									
			SI255M10-72	19.25									
			SI240M10-64	19.99									
			SI235M10-64	19.61									
			SI230M10-64	19.24									
			ISSM10-500-144	19.92									
75	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)	ISSM10-505-144	20.12	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								ISSM10-510-144	20.23				
								ISSM10-515-144	20.28				
								ISSM10-520-144	20.38				
								ISSM10-525-144	20.47				
								ISSM10-530-144	20.51				
								ISSM10-535-144	20.59				
								ISSM10-540-144	20.67				
								ISSM10-545-144	20.71				
								ISSM10-550-144	20.83				
								RPS2MH72MB515	19.93				
								RPS2MH72MB520	20.13				
								RPS2MH72MB525	20.32				
								RPS2MH72MB530	20.52				
76	M/s. ReNew Photovoltaics Private Limited	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan	R-84003778	2842	i	Mono PERC C-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB535	20.71	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72MB540	20.9				
								RPS2MH72MB545	21.1				
								RPS2MH72MB550	21.29				
								RPS2MH72B0515	19.93				
								RPS2MH72B0520	20.13				
								RPS2MH72B0525	20.32				
					ii	Bifacial Mono c-Si PERC Module	RPS2MH72B0530 (530Wp)	RPS2MH72B0535	20.71	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72B0540	20.9				
								RPS2MH72B0545	21.1				
								RPS2MH72B0550	21.29				
								AS-555-HM156	19.88				
								AS-560-HM156	20.05				
77	M/s Abhishek Solar Industries Private Limited	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi,	R-58000140	142			RPS2MH72B0530	20.71					
							RPS2MH72B0540	20.9					

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)
Unit II	Jharkhand - 835217, India				i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-565-HM156	20.22	156 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-570-HM156	20.40				
								AS-575-HM156	20.59				
								AS-580-HM156	20.78				
								AS-585-HM156	20.96				
								AS-590-HM156	21.13				
								AS-595-HM156	21.30				
								AS-500-HM144	19.36				
								AS-505-HM144	19.54				
								AS-510-HM144	19.75				
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-515-HM144	19.94	144 Half Cut Cells	1500	24.01.2024	23.01.2028
								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				
								AS-460-HM132	19.37				
iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-465-HM132	19.60	132 Half Cut Cells	1500	24.01.2024	23.01.2028					
			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									
			AS-380-HM108	19.47									
			AS-385-HM108	19.73									
iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-390-HM108	19.99	108 Half Cut Cells	1500	24.01.2024	23.01.2028					
			AS-395-HM108	20.27									
			AS-400-HM108	20.47									
			AS-415-HM120	19.20									
			AS-420-HM120	19.42									
			AS-425-HM120	19.64									
			AS-430-HM120	19.87									
			AS-435-HM120	20.11									
			AS-440-HM120	20.33									
			AS-445-HM120	20.56									
v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	AS-450-HM120	20.79	120 Half Cut Cells	1500	24.01.2024	23.01.2028					
			ISEN560	20.03									
			ISEN565	20.21									
			ISEN570	20.39									
			ISEN575	20.57									
			ISEN580	20.75									
			ISEN585	20.93									
			ISEN590	21.11									
			ISEN520	20.12									
			ISEN525	20.32									
78	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)	ISEN530	20.52	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN535	20.71				
								ISEN540	20.9				
								ISEN545	21.1				
								ISEN550	21.3				
								ISEN555	21.48				
								ISEN500	21.05				
								ISEN510	21.47				
								ISEN420	19.41				
								ISEN425	19.64				
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN430	19.87	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN435	20.1				
								ISEN440	20.34				
								ISEN445	20.57				
								ISEN450	20.8				
								ISEN455	21.03				
								ISEN460	21.26				
								ISEN380	19.46				
								ISEN385	19.72				
								ISEN390	19.97				
iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN395	20.23	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN400	20.48									
			ISEN405	20.74									
			ISEN410	21									
			W5MD-520	20.2									
			W5MD-525	20.39									
			W5MD-530	20.58									
			W5MD-535	20.78									
			W5MD-540	20.97									
			W5MD-545	21.17									
iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	W5MD-550	21.36	120 (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									
			Bi-55-540	20.97									
			Bi-55-545	21.17									
			Bi-55-550	21.36									
			Bi-55-520	20.2									
			Bi-55-525	20.39									
v	Mono c-Si PERC Module	ISEN395 (395 Wp)	Bi-55-530	20.58	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			Bi-55-535	20.78									
			Bi-55-540	20.97									
			Bi-55-545	21.17									
			Bi-55-550	21.36									
			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									
79	M/s. Waaree Energies Limited	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluka Umbergaon, District Valsad, Gujarat 396105	R-72003085	1156	i	Mono c-Si PERC Module	WSMD-540 (540Wp)	Bi-55-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
								Bi-55-520	20.2				
								Bi-55-525	20.39				
								Bi-55-530	20.58				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Module	Bi-55-540 (540Wp)	Bi-55-535	20.78	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
								WSMT-560	21.75				
								WSMT-565	21.94				
					iii	N TOPCon Module	WSMT-570 (580Wp)	WSMT-570	22.14	144 (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				
								WSMT-615	22.1				
					iv	N TOPCon Module	WSMT-615 (625Wp)	WSMT-620	22.28	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMT-625	22.46				
								BIN-17-605	21.64				
								BIN-17-610	21.82				
								BIN-17-615	22				
								BIN-17-625	22.35				
					v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	BIN-08-560	21.67	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BIN-08-565	21.87				
								BIN-08-570	22.06				
								BIN-08-575	22.25				
								BIN-08-580	22.45				
								BIN-08-580	22.45				
vi	N TOPCon Module(Bifacial)	BIN-08-570 (570Wp)	WSMD-420	19.32	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMD-425	19.55									
			WSMD-430	19.78									
			WSMD-435	20.01									
			WSMD-440	20.24									
			WSMD-445	20.47									
80	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 (450Wp)	WSMD-450	20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-520	20.2				
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
					ii	Mono c-Si PERC Module	WSMD-540 (550Wp)	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				
					iii	Mono c-Si PERC Bifacial Module	Bi-31-440(450Wp)	Bi-31-445	20.24	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								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				
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540(550Wp)	Bi-55-535	20.78	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
								WSMDi-395	19.79				
								WSMDi-400	20.03				
v	Mono c-Si PERC Module	WSMDi-400 (415Wp)	WSMDi-405	20.28	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMDi-410	20.53									
			WSMDi-415	20.78									
			ASM-M10-144-500	19.47									
			ASM-M10-144-501	19.51									
			ASM-M10-144-502	19.55									
81	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-M10-144-503	19.59	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								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				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								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				
								ASM-M10-144-520	20.25				
								ASB-M10-144-521	20.29				
					ASB-M10-144-522	20.33							
					ASB-M10-144-523	20.37							
					ASB-M10-144-524	20.41							
					ASB-M10-144-525	20.44							
					ASB-M10-144-526	20.48							
					ASB-M10-144-527	20.52							
					ASB-M10-144-528	20.56							
					ASB-M10-144-529	20.6							
					ASB-M10-144-530	20.64							
					ASB-M10-144-531	20.68							
					ASB-M10-144-532	20.72							
					ASB-M10-144-533	20.76							
					ASB-M10-144-534	20.8							
					ASB-M10-144-535	20.83							
					ASB-M10-144-536	20.87							
					ASB-M10-144-537	20.91							
					ASB-M10-144-538	20.95							
					ASB-M10-144-539	20.99							
					ASB-M10-144-540	21.03							
					ASB-M10-144-541	21.07							
					ASB-M10-144-542	21.11							
					ASB-M10-144-543	21.15							
					ASB-M10-144-544	21.18							
					ASB-M10-144-545	21.22							
					ASB-M10-144-546	21.26							
					ASB-M10-144-547	21.3							
					ASB-M10-144-548	21.34							
					ASB-M10-144-549	21.38							
					ASB-M10-144-550	21.42							
					ASB-M10-144-551	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												
82	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				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	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. TP Solar Limited	Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu- 627352	R-61004146	2525	iii	Bifacial Mono c-Si PERC Module	PARADEA VSM DH.72.545.05 (545 Wp)	PARADEA VSM DH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								PARADEA VSM DH.72.545.05	21.13				
					iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	PARADEA VSM DH.72.540.05	20.94	144 (Half Cut cells)	1500	24.02.2024	23.02.2028
								PARADEA VSM DH.72.535.05	20.75				
					i	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP575LG10B (575Wp)	SOMERA VSMH.72.450.05	20.23	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
								SOMERA VSMH.72.445.05	20.01				
								SOMERA VSMH.72.440.05	19.79				
								TP55LG10B	19.93				
								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												
TP510HG10B	19.79												
TP515HG10B	19.98												
ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP520HG10B	20.17				144 (Half cut Cells)	1500				
			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									
iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)	TP470VG10B	19.61	132 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP475VG10B	19.81									
			TP480VG10B	20.02									
			TP485VG10B	20.23									
			TP490VG10B	20.44									
			TP495VG10B	20.65									
			TP500VG10B	20.86									
			TP505VG10B	21.07									
			TP420MG10B	19.21									
			TP425MG10B	19.44									
iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP470VG10B (470 Wp)	TP435MG10B	19.66	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028					
			TP435MG10B	19.89									
			TP440MG10B	20.12									
			TP445MG10B	20.35									
			TP450MG10B	20.58									
			TP455MG10B	20.81									
			TP460MG10B	21.03									
			TP465MG10B	21.26									
			TP555LG10TB	19.93									
			TP560LG10TB	20.11									
v	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP500VG10B (500 Wp)	TP565LG10TB	20.29	156(Half Cut Cells)	1500	22.03.2024	21.03.2028					
			TP570LG10TB	20.47									
			TP575LG10TB	20.65									
			TP580LG10TB	20.83									
			TP585LG10TB	21.00									
			TP590LG10TB	21.18									
			TP595LG10TB	21.36									
			TP600LG10TB	21.54									
			TP500HG10TB	19.40									
			TP505HG10TB	19.59									
vi	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10B (435 Wp)	TP510HG10TB	19.79	144 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP515HG10TB	19.98									
			TP520HG10TB	20.17									
			TP525HG10TB	20.37									
			TP530HG10TB	20.56									
			TP535HG10TB	20.76									
			TP540HG10TB	20.95									
			TP545HG10TB	21.14									
			TP550HG10TB	21.34									
			TP555HG10TB	21.53									
vii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10B (460 Wp)	TP460VG10TB	19.19	132 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP465VG10TB	19.47									
			TP470VG10TB	19.61									
			TP475VG10TB	19.81									
			TP480VG10TB	20.02									
			TP485VG10TB	20.23									
			TP490VG10TB	20.44									
			TP495VG10TB	20.65									
			TP500VG10TB	20.86									
			TP505VG10TB	21.07									
viii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP575LG10TB (575Wp)	TP500HG10TB	19.40	144 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP505HG10TB	19.59									
			TP510HG10TB	19.79									
			TP515HG10TB	19.98									
			TP520HG10TB	20.17									
			TP525HG10TB	20.37									
			TP530HG10TB	20.56									
			TP535HG10TB	20.76									
			TP540HG10TB	20.95									
			TP545HG10TB	21.14									
ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP550HG10TB	21.34	144 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP555HG10TB	21.53									
			TP460VG10TB	19.19									
			TP465VG10TB	19.47									
			TP470VG10TB	19.61									
			TP475VG10TB	19.81									
			TP480VG10TB	20.02									
			TP485VG10TB	20.23									
			TP490VG10TB	20.44									
			TP495VG10TB	20.65									
x	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP550HG10TB (550 Wp)	TP500VG10TB	20.86	132 (Half cut Cells)	1500	22.03.2024	21.03.2028					
			TP505VG10TB	21.07									
			TP420MG10TB	19.21									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP425MG10TB	19.44	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
				TP430MG10TB				19.66					
				TP435MG10TB				19.89					
				TP440MG10TB				20.12					
				TP445MG10TB				20.35					
				TP450MG10TB				20.58					
				xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP455MG10TB	20.81	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028	
							TP460MG10TB	21.03					
							TP465MG10TB	21.26					



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: 24<sup>th</sup> January, 2024

To,

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

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

Sir,

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

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Gautam Solar Private Limited, Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India in respect of 02 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

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

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

Yours faithfully,



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

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

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

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

**Appendix-I**

Name of Manufacturer	M/s. Gautam Solar Private Limited
Plant Address	Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	319 MW/Year
Applied Capacity	400 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R.No.	No. of Cells in Module	System Voltage in Volt	Remarks
1.	Mono c-Si Module	G2X575-HAD (575Wp) G2X590Wp)	G2X590-HAD	22.84	R-83006041	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			G2X1767-UHAD	22.80				
			G2X588-HAD	22.76				
			G2X587-HAD	22.72				
			G2X1758T-UHAD	22.68				
			G2X585-HAD	22.65				
			G2X1752-UHAD	22.61				
			G2X583-HAD	22.57				
			G2X582-HAD	22.53				
			G2X1743T-UHAD	22.49				
			G2X580-HAD	22.45				
			G2X1737-UHAD	22.41				
			G2X578-HAD	22.37				
			G2X577-HAD	22.34				

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

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2	Mono c-Si Module	G2X480- HAA (480Wp) (461Wp- 500Wp)	G2X500- HAA	22.93	120 (Half Cut Cells)	1500	Provisionally Enlisted in ALMM
			G2X1497- UHAA	22.88			
			G2X498- HAA	22.84			
			G2X497- HAA	22.79			
			G2X1488T- UHAA	22.75			
			G2X495- HAA	22.70			
			G2X1482- UHAA	22.65			
			G2X493- HAA	22.61			
			G2X492- HAA	22.56			
			G2X1473T- UHAA	22.52			
			G2X490- HAA	22.47			
			G2X1467- UHAA	22.42			
			G2X488- HAA	22.38			
			G2X487- HAA	22.33			
			G2X1458T- UHAA	22.29			
			G2X485- HAA	22.24			
			G2X1452- UHAA	22.19			
			G2X483- HAA	22.15			
			G2X482- HAA	22.10			
			G2X1443T- UHAA	22.06			
			G2X480- HAA	22.01			
			G2X1437- UHAA	21.97			
			G2X478- HAA	21.92			
			G2X477- HAA	21.87			
			G2X1428T- UHAA	21.83			
			G2X475- HAA	21.78			