

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

Block No. 14, C.G.O. Complex,  
Lodhi Road, New Delhi - 110003.  
Dated: 29<sup>th</sup> September, 2021

**OFFICE MEMORANDUM**

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

Reference is invited to this Ministry's O.Ms 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. The List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was updated vide this Ministry's O.M. of even no. dated 17.08.2021.
3. This Ministry has further updated the List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 as on 29.09.2021, i.e. Revision - 2 and the same is enclosed herewith as Annexure - I.
4. This issues with the approval of Hon'ble Minister (NRE & Power).



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**To: All Concerned**

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

**Detailed List of Manufacturers and Models of Solar PV Modules Recommended under ALMM Order (As on 29.09.2021)**

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity								
										From	To							
1	Mundra Solar PV Ltd.	Tunda, Mundra SEZ, Mundra, Gujarat, India	1100	i	Multi C-Si Modules	ENCORE Series, ASP-7-335 (335 Wp)	ASP-7-325	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							ASP-7-330											
							ASP-7-335											
							ASP-7-340											
							ASP-7-345											
							ASP-7-350											
				ii	Mono C-Si PERC Modules	ETERNAL Series, ASM-7-PERC-375 (375 Wp)	ASM-7-PERC-360	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							ASM-7-PERC-365											
							ASM-7-PERC-370											
							ASM-7-PERC-375											
							ASM-7-PERC-380											
							ASM-7-PERC-385											
							ASM-7-PERC-390											
2	Vikram Solar Ltd.	Falta SEZ, South 24 Parganas, West Bengal, India	970	i	Multi Crystalline Silicon Module	Eldora VSP.72.330.05 (330 Wp)	VSP.72.320.05	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							VSP.72.325.05											
							VSP.72.330.05											
							VSP.72.335.05											
							VSP.72.340.05											
							VSP.72.345.05											
				ii	Multi Crystalline Silicon Module	Eldora VSPH.72.345.05 (345 Wp)	VSPH.72.340.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023							
							VSPH.72.345.05											
							VSPH.72.350.05											
				iii	Mono Crystalline Silicon Module	Somera VSM.72.370.05 (370 Wp)	VSM.72.370.05	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							VSM.72.375.05											
				iv	Mono Crystalline Silicon Module	Somera VSMH.72.390.05 (390 Wp)	VSMH.72.380.05	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023							
							VSMH.72.385.05											
							VSMH.72.390.05											
							VSMH.72.395.05											
							VSMH.72.400.05											
3	Bharat Electronics Ltd.	Jalahalli, Bengaluru, Karnataka, India	10	i	Multi C-Si Module	BEP-A.320 (320 Wp)	BEP-A.310	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							BEP-A.315											
							BEP-A.320											
							BEP-A.325											
							BEP-A.330											
							BEP-A.335											
				ii	Mono C-Si Module	BE-A.320 (320 Wp)	BE-A.310	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							BE-A.315											
							BE-A.320											
							BE-A.325											
4	Emmvee Photovoltaic Power Pvt. Ltd.	Bettahalasuru, Bengaluru, Karnataka, India	500	i	Multi C-Si Module	E335P72 (335 Wp)	E320P72	72 (Full Cells)	1500	10.03.2021	09.03.2023							
							E325P72											
							E330P72											
							E335P72											
							E340P72											
							E345P72											
							E350P72											
							ii					Multi C-Si Module	E280P60 (280 Wp)	E270P60	60 (Full Cells)	1500	10.03.2021	09.03.2023
														E275P60				
														E280P60				
E285P60																		
E290P60																		



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										From	To
				vii	Mono C-Si Module	Orb370M72 (370 Wp)	Orb355M72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							Orb360M72				
							Orb365M72				
							Orb370M72				
							Orb375M72				
							Orb380M72				
							Orb385M72				
				viii	Mono C-Si Module	Orb305M60 (305 Wp)	Orb290M60	60 (Full Cells)	1000	10.03.2021	09.03.2023
							Orb295M60				
							Orb300M60				
							Orb305M60				
							Orb310M60				
							Orb315M60				
							Orb320M60				
6	Tata Power Solar Systems Ltd.	Electronic City, Bengaluru, Karnataka, India	300	i	Multi C-Si Module	TP330LBZ (330 Wp)	TP315LBZ	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TP320LBZ				
							TP325LBZ				
							TP330LBZ				
							TP335LBZ				
							TP340LBZ				
							TP345LBZ				
				ii	Multi C-Si Module	TP330LBZ(H) (330 Wp)	TP315LBZ(H)	72 (Full Cells)	1500	10.03.2021	09.03.2023
							TP320LBZ(H)				
							TP325LBZ(H)				
							TP330LBZ(H)				
							TP335LBZ(H)				
							TP340LBZ(H)				
							TP345LBZ(H)				
iii	Multi C-Si Module	TP295VBZ(H) (295 Wp)	TP285VBZ(H)	66 (Full Cells)	1500	10.03.2021	09.03.2023				
			TP290VBZ(H)								
			TP295VBZ(H)								
			TP300VBZ(H)								
			TP305VBZ(H)								
iv	Multi C-Si Module	TP260MBZ(H) (260 Wp)	TP250MBZ(H)	60 (Full Cells)	1500	10.03.2021	09.03.2023				
			TP255MBZ(H)								
			TP260MBZ(H)								
			TP265MBZ(H)								
			TP270MBZ(H)								
v	Mono C-Si PERC Module	TP380LGZ(H) (380 Wp)	TP365LGZ(H)	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			TP370LGZ(H)								
			TP375LGZ(H)								
			TP380LGZ(H)								
			TP385LGZ(H)								
			TP390LGZ(H)								
			TP395LGZ(H)								
			TP399LGZ(H)								
7	Swelect Energy Systems Ltd.	Dabaspet, Nelamangala, Bengaluru, Karnataka, India	140	i	Multi C-Si Module	HST36F165P (165 Wp)	HST36F160P	36 (Full Cells)	1000	10.03.2021	09.03.2023
							HST36F165P				
							HST36F170P				
				ii	Multi C-Si Module	HST60F275P (275 Wp)	HST60F265P	60 (Full Cells)	1000	10.03.2021	09.03.2023
							HST60F270P				
							HST60F275P				
							HST60F280P				
							HST60F285P				
							HST60F290P				
							HST60F295P				

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity								
										From	To							
				iii	Multi C-Si Module	HST72F330P (330 Wp)	HST72F320P	72 (Full Cells)	1000	10.03.2021	09.03.2023							
							HST72F325P											
							HST72F330P											
							HST72F335P											
							HST72F340P											
							HST72F345P											
				iv	Multi C-Si Module	HST72F300P (300 Wp)	HST72F300P	72 (Full Cells)	1000	10.03.2021	09.03.2023							
				v	Mono C-Si Module	HST36F190M (190 Wp)	HST36F185M	36 (Full Cells)	1000	10.03.2021	09.03.2023							
							HST36F190M											
							HST36F195M											
				vi	Mono C-Si Module	HST60F310M (310 Wp)	HST60F295M	60 (Full Cells)	1000	10.03.2021	09.03.2023							
							HST60F300M											
							HST60F305M											
							HST60F310M											
							HST60F315M											
							HST60F320M											
							HST60F325M											
				vii	Mono C-Si Module	HST72F375M (375 Wp)	HST72F360M	72 (Full Cells)	1000	10.03.2021	09.03.2023							
							HST72F365M											
							HST72F370M											
							HST72F375M											
							HST72F380M											
							HST72F385M											
							HST72F390M											
				viii	Mono C-Si Module	HST72F395M (395 Wp)	HST72F395M	72 (Full Cells)	1000	10.03.2021	09.03.2023							
				8	RenewSys India Pvt. Ltd.	FAB City, Hyderabad, Telangana, India	750	i	Multi C-Si Module	DESERV 3M6-330 (330 Wp)	DESERV 3M6-315	72 (Full Cells)	1000	10.03.2021	09.03.2023			
											DESERV 3M6-320							
DESERV 3M6-325																		
DESERV 3M6-330																		
DESERV 3M6-335																		
DESERV 3M6-340																		
DESERV 3M6-345																		
ii	Multi C-Si Module	DESERV 3M6H-330 (330 Wp)	DESERV 3M6H-315								72 (Full Cells)					1500	10.03.2021	09.03.2023
DESERV 3M6H-320																		
DESERV 3M6H-325																		
DESERV 3M6H-330																		
DESERV 3M6H-335																		
DESERV 3M6H-340																		
DESERV 3M6H-345																		
iii	Multi C-Si Module	DESERV MGALACTIC-345 (345 Wp)	DESERV MGALACTIC-330					144 (Half Cut Cells)	1500	10.03.2021	09.03.2023							
			DESERV MGALACTIC-335															
			DESERV MGALACTIC-340															
			DESERV MGALACTIC-345															
			DESERV MGALACTIC-350															
			DESERV MGALACTIC-355															
iv	Mono C-Si Module	DESERV 3S6-360 (360 Wp)	DESERV 3S6-345					72 (Full Cells)	1000	10.03.2021	09.03.2023							
			DESERV 3S6-350															
			DESERV 3S6-355															
			DESERV 3S6-360															
			DESERV 3S6-365															
			DESERV 3S6-370															
			DESERV 3S6-375															

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S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
				v	Mono C-Si Module	DESERV 3S6H-360 (360 Wp)	DESERV 3S6H-345	72 (Full Cells)	1500	10.03.2021	09.03.2023
							DESERV 3S6H-350				
							DESERV 3S6H-355				
							DESERV 3S6H-360				
							DESERV 3S6H-365				
							DESERV 3S6H-370				
				DESERV 3S6H-375							
				vi	Mono C-Si Module	DESERV SGALACTIC-375 (375 Wp)	DESERV SGALACTIC-360	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							DESERV SGALACTIC-365				
							DESERV SGALACTIC-370				
							DESERV SGALACTIC-375				
							DESERV SGALACTIC-380				
							DESERV SGALACTIC-385				
							DESERV SGALACTIC-390				
DESERV SGALACTIC-390											
9	Premier Energies Ltd.	Annaram, Medak, Telangana, India	482	i	Multi C-Si Module	PSS-24340 (340 Wp)	PSS-24325	72 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-24330				
							PSS-24335				
							PSS-24340				
							PSS-24345				
							PSS-24350				
				PSS-24355							
				ii	Multi C-Si Module	PSS-24305 (305 Wp)	PSS-24290	72 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-24295				
							PSS-24300				
							PSS-24305				
							PSS-24310				
							PSS-24315				
				PSS-24320							
				iii	Multi C-Si Module	PSS-24250 (250 Wp)	PSS-24240	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24245				
							PSS-24250				
							PSS-24255				
				iv	Multi C-Si Module	PSS-24200 (200 Wp)	PSS-24260	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24190				
							PSS-24195				
							PSS-24200				
				v	Multi C-Si Module	PSS-24150 (150 Wp)	PSS-24205	72 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24210				
							PSS-24145				
							PSS-24150				
				vi	Multi C-Si Module	PSS-24340HC (340 Wp)	PSS-24155	144 (Half Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-24325HC				
							PSS-24330HC				
							PSS-24335HC				
PSS-24340HC											
PSS-24345HC											
PSS-24350HC											
PSS-24355HC											
PSS-24357HC											
vii	Multi C-Si Module	PSS-20280 (280 Wp)	PSS-20270	60 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-20275								
			PSS-20280								
			PSS-20285								
			PSS-20290								

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										From	To
				viii	Multi C-Si Module	PSS-20260 (260 Wp)	PSS-20250	60 (Full Cells)	1500	10.03.2021	09.03.2023
							PSS-20255				
							PSS-20260				
							PSS-20265				
				ix	Multi C-Si Module	PSS-20220 (220 Wp)	PSS-20220	60 (Cut Cells)	1500	10.03.2021	09.03.2023
							PSS-12200 (200 Wp)				
				x	Multi C-Si Module	PSS-12200 (200 Wp)	PSS-12200	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-12165 (165 Wp)				
				xi	Multi C-Si Module	PSS-12165 (165 Wp)	PSS-12160	36 (Full Cells)	600	10.03.2021	09.03.2023
							PSS-12165				
				xii	Multi C-Si Module	PSS-12150 (150 Wp)	PSS-12170	36 (Full Cells)	600	10.03.2021	09.03.2023
							PSS-12145				
				xiii	Multi C-Si Module	PSS-12150 (150 Wp)	PSS-12150	36 (Full Cells)	600	10.03.2021	09.03.2023
							PSS-12155				
				xiv	Multi C-Si Module	PSS-12120 (120 Wp)	PSS-12120	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-12125				
				xv	Multi C-Si Module	PSS-12105 (105 Wp)	PSS-12100	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-12105				
				xvi	Multi C-Si Module	PSS-12105 (105 Wp)	PSS-12110	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-12180 (80 Wp)				
				xvii	Multi C-Si Module	PSS-1280 (80 Wp)	PSS-1275	36 (Cut Cells)	600	10.03.2021	09.03.2023
							PSS-1275				
xviii	Multi C-Si Module	PSS-1260 (60 Wp)	PSS-1260	36 (Cut Cells)	600	10.03.2021	09.03.2023				
			PSS-1245 (45 Wp)								
xix	Multi C-Si Module	PSS-1245 (45 Wp)	PSS-1245	36 (Cut Cells)	600	10.03.2021	09.03.2023				
			PSS-1230 (30 Wp)								
xx	Multi C-Si Modules	PSS-1230 (30 Wp)	PSS-1230	36 (Cut Cells)	600	10.03.2021	09.03.2023				
			PSS-1220 (20 Wp)								
xxi	Mono C-Si PERC Module	PSS-1220 (20 Wp)	PSS-1220	36 (Cut Cells)	600	10.03.2021	09.03.2023				
			PSS-24365								
xxii	Mono C-Si PERC Module	PSS-24380 (380 Wp)	PSS-24370	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-24375								
xxiii	Mono C-Si PERC Module	PSS-24380 (380 Wp)	PSS-24380	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-24385								
xxiv	Mono C-Si PERC Module	PSS-24380 (380 Wp)	PSS-24390	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-24395								
xxv	Mono C-Si PERC Module	PSS-24335 (335 Wp)	PSS-24335	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-20315 (315 Wp)								
xxvi	Mono C-Si PERC Module	PSS-20315 (315 Wp)	PSS-20315	60 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-20320								
xxvii	Mono C-Si PERC Module	PSS-20315 (315 Wp)	PSS-20325	60 (Full Cells)	1500	10.03.2021	09.03.2023				
			PSS-20330								
10	Visaka Industries Ltd.	Gajalapuram, Miryalagunda, Nalgonda, Telangana, India	30	i	Multi C-Si Module	VIL-310P (310 Wp)	VIL-305P	72 (Full Cells)	1000	10.03.2021	09.03.2023
							VIL-310P				
							VIL-315P				
							VIL-320P				
11	Websol Energy System Ltd.	Falta SEZ, 24 Parganas (South), West Bengal, India	250	i	Multi C-Si Module	W2900-M330 (330 Wp)	W2900-M315	72 (Full Cells)	1500	10.03.2021	09.03.2023
							W2900-M320				
							W2900-M325				
							W2900-M330				
							W2900-M335				
							W2900-M340				
							W2900-M345				
12	Sova Solar Ltd.	Banskopa, Durgapur, West Bengal, India	240	i	Multi C-Si Module	SS28060MC (280 Wp)	SS27060MC	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SS27560MC				
							SS28060MC				
							SS28560MC				
							SS29060MC				

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										From	To
				ii	Multi C-Si Module	SS33072MC (330 Wp)	SS32072MC	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SS32572MC				
							SS33072MC				
							SS33572MC				
							SS34072MC				
							SS34572MC				
				iii	Mono PERC Module	SS31060MP (310 Wp)	SS30060MP	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SS30560MP				
							SS31060MP				
							SS31560MP				
							SS32060MP				
							SS32560MP				
iv	Mono PERC Module	SS38572MP (385 Wp)	SS37072MP	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			SS37572MP								
			SS38072MP								
			SS38572MP								
			SS39072MP								
			SS39572MP								
13	Goldi Solar Pvt. Ltd.	Pipodara, Surat, Gujarat, India	500	i	Multi C-Si Module	GOLDI072F335PY24 (335 Wp)	GOLDI072F325PY24	72 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI072F330PY24				
							GOLDI072F335PY24				
							GOLDI072F340PY24				
							GOLDI072F345PY24				
				ii	Multi C-Si Module	GOLDI066F300PY24 (300 Wp)	GOLDI066F300PY24	66 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI066F310PY24				
				iii	Multi C-Si Module	GOLDI060F280PY24 (280 Wp)	GOLDI060F280PY24	60 (Full Cells)	1500	10.03.2021	09.03.2023
				iv	Multi C-Si Module	GOLDI054F250PY12 (250 Wp)	GOLDI054F250PY12	54 (Full Cells)	1500	10.03.2021	09.03.2023
				v	Mono C-Si PERC Module	GOLDI072F395PRC24 (395 Wp)	GOLDI072F390PRC24	72 (Full Cells)	1500	10.03.2021	09.03.2023
							GOLDI072F395PRC24				
							GOLDI072F400PRC24				
14	Australian Premium Solar (India) Pvt. Ltd.	Tajpur, Sabarkantha, Gujarat, India	50	i	Multi C-Si Module	APSAP6-250/60 (250 Wp)	APSAP6-250/60	60 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-260/60				
				ii	Multi C-Si Module	APSAP6-300/72 (300 Wp)	APSAP6-300/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-320/72				
				iii	Multi C-Si Module	APSAP6-320/72 (320 Wp)	APSAP6-320/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-330/72				
				iv	Multi C-Si Module	APSAP6-340/72 (340 Wp)	APSAP6-340/72	72 (Full Cells)	1000	10.03.2021	09.03.2023
							APSAP6-350/72				
15	Solex Energy Ltd	GIDC, Vitthal Udyognagar, Anand, Gujarat, India	45	i	Multi C-Si Module	SES1224 (24 Wp)	SES1224	36 (Cut Cells)	600	10.03.2021	09.03.2023
							SES1275				
							SES12100				
				ii	Multi C-Si Module	SES1275 (75 Wp)	SES1275	36 (Cut Cells)	600	10.03.2021	09.03.2023
							SES12100				
							SES16200				
				iii	Multi C-Si Module	SES12100 (100 Wp)	SES12100	36 (Cut Cells)	600	10.03.2021	09.03.2023
							SES16200				
							SES16210				
				iv	Multi C-Si Module	SES16200 (200 Wp)	SES16200	48 (Full Cells)	1000	10.03.2021	09.03.2023
							SES16210				
							SES20250				
				v	Multi C-Si Module	SES20250 (250 Wp)	SES20250	60 (Full Cells)	1000	10.03.2021	09.03.2023
SES20260											
vi	Multi C-Si Module	SES24300 (300 Wp)	SES24300	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			SES24320								
vii	Multi C-Si Module	SES24335 (335 Wp)	SES24320	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			SES24325								
			SES24330								
			SES24335								
			SES24340								
			SES24350								
viii	Mono- PERC Module	SESM20280 (280 Wp)	SESM20280	60 (Full Cells)	1000	10.03.2021	09.03.2023				
ix	Mono- PERC Module	SESM20300 (300 Wp)	SESM20300	60 (Full Cells)	1000	10.03.2021	09.03.2023				
x	Mono- PERC Module	SESM24335 (335 Wp)	SESM24335	72 (Full Cells)	1000	10.03.2021	09.03.2023				



**Detailed List of Manufacturers and Models of Solar PV Modules Recommended under ALMM Order (As on 29.09.2021)**

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
				xi	Mono- PERC Module	SESM24360 (360 Wp)	SESM24350 SESM24360 SESM24370	72 (Full Cells)	1000	10.03.2021	09.03.2023
16	Topsun Energy Ltd.	Linch, Mehsana, Gujarat, India	100	i	Multi C-Si Module	TEL24P315 (315 Wp)	TEL24P300	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL24P305				
							TEL24P310				
							TEL24P315				
							TEL24P320				
							TEL24P325				
				ii	Multi C-Si Module	TEL24P340 (340 Wp)	TEL24P330	72 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL24P335				
							TEL24P340				
							TEL24P345				
				iii	Multi C-Si Module	TEL66P290 (290 Wp)	TEL66P280	66 (Full Cells)	1000	10.03.2021	09.03.2023
							TEL66P285				
							TEL66P290				
							TEL66P295				
				iv	Multi C-Si Module	TEL12CP40 (40 Wp)	TEL12CP40	36 (Cut Cells)	600	10.03.2021	09.03.2023
							TEL12CP74				
				v	Multi C-Si Module	TEL12CP74 (74 Wp)	TEL12CP74	36 (Cut Cells)	600	10.03.2021	09.03.2023
							TEL12CP75				
				vi	Multi C-Si Module	TEL12CP100 (100 Wp)	TEL12CP100	36 (Cut Cells)	600	10.03.2021	09.03.2023
TEL24MP320											
vii	Mono C-Si PERC Module	TEL24MP335 (335 Wp)	TEL24MP325	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			TEL24MP330								
			TEL24MP335								
			TEL24MP340								
			TEL24MP345								
			TEL24MP350								
			TEL24MP380								
viii	Mono C-Si PERC	TEL24MP380 (380 Wp)	TEL24MP380	72 (Full Cells)	1500	10.03.2021	09.03.2023				
17	Waaree Energies Ltd.	Tumb, Umbergaon, Valsad, Gujarat, India	1000	i	Multi C-Si Modules	WS-340 (340 Wp)	WS-330	72 (Full Cells)	1500	10.03.2021	09.03.2023
							WS-335				
							WS-340				
							WS-345				
							WS-350				
							WS-350				
18	Waaree Energies Ltd.	Surat SEZ, Diamond Park, Sachin, Surat, Gujarat, India	500	i	Multi C-Si Modules	WS-340 (340 Wp)	WS-330	72 (Full Cells)	1500	10.03.2021	09.03.2023
							WS-335				
							WS-340				
							WS-345				
							WS-350				
				ii	Mono C-Si Modules	WSM-390 (390 Wp)	WSM-380	72 (Full Cells)	1500	10.03.2021	09.03.2023
							WSM-385				
							WSM-390				
							WSM-395				
							WSM-400				
19	Waaree Renewables Pvt. Ltd.	Nandigram, Umbergaon, Valsad, Gujarat, India	500	i	Multi C-Si Modules	WS-340 (340 Wp)	WS-330	72 (Full Cells)	1500	10.03.2021	09.03.2023
							WS-335				
							WS-340				
							WS-345				
							WS-350				
				ii	Mono C-Si Modules	WSM-380 (380 Wp)	WSM-380	72 (Full Cells)	1500	10.03.2021	09.03.2023

**Detailed List of Manufacturers and Models of Solar PV Modules Recommended under ALMM Order (As on 29.09.2021)**

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
20	Icon Solar-En Power Technologies Pvt. Ltd.	Dighari, Mandir Hasaud, Arang, Raipur, Chhattisgarh, India	125	i	Multi C-Si Modules	ISEN335 (335 Wp)	ISEN320	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ISEN325				
							ISEN330				
							ISEN335				
							ISEN340				
							ISEN345				
				ISEN350							
				ii	Multi C-Si Modules	ISEN305 (305 Wp)	ISEN300	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ISEN305				
							ISEN310				
							ISEN315				
				iii	Multi C-Si Modules	ISEN290 (290 Wp)	ISEN280	66 (Full Cells)	1500	10.03.2021	09.03.2023
							ISEN285				
							ISEN290				
							ISEN295				
							ISEN300N				
				iv	Multi C-Si Modules	ISEN260 (260 Wp)	ISEN250	60 (Full Cells)	1500	10.03.2021	09.03.2023
							ISEN255				
							ISEN260				
ISEN265											
ISEN270											
v	Multi C-Si Modules	ISEN240 (240 Wp)	ISEN230	54 (Full Cells)	1500	10.03.2021	09.03.2023				
			ISEN235								
			ISEN240								
			ISEN245								
			ISEN250N								
vi	Multi C-Si Modules	ISEN210 (210 Wp)	ISEN200	48 (Full Cells)	1500	10.03.2021	09.03.2023				
			ISEN205								
			ISEN210								
			ISEN215								
vii	Multi C-Si Modules	ISEN155 (155 Wp)	ISEN150	36 (Full Cells)	1500	10.03.2021	09.03.2023				
			ISEN155								
			ISEN160								
viii	Multi C-Si Modules	ISEN75 (75 Wp)	ISEN75	36 (Cut Cells)	1500	10.03.2021	09.03.2023				
			ISEN40								
ix	Multi C-Si Modules	ISEN40 (40 Wp)	ISEN40	36 (Cut Cells)	1500	10.03.2021	09.03.2023				
			ISEN40								
21	PV Power Technologies Pvt. Ltd.	Tarapur Textile Park Ltd., Boisar East, Palghar, Maharashtra, India	200	i	Multi C-Si Modules	ECO 325H (325 Wp)	ECO 315H	72 (Full Cells)	1500	10.03.2021	09.03.2023
							ECO 320H				
							ECO 325H				
							ECO 330H				
							ECO 335H				
							ECO 340H				
				ii	Multi C-Si Modules	ECO 315 (315 Wp)	ECO 300	72 (Full Cells)	1000	10.03.2021	09.03.2023
							ECO 305				
							ECO 310				
							ECO 315				
							ECO 320				
							ECO 325				
							ECO 330				
							ECO 335				
				iii	Mono C-Si Modules	ECO 355M (355 Wp)	ECO 340M	72 (Full Cells)	1000	10.03.2021	09.03.2023
							ECO 345M				
							ECO 350M				
							ECO 355M				
							ECO 360M				
ECO 365M											
ECO 370M											

**Detailed List of Manufacturers and Models of Solar PV Modules Recommended under ALMM Order (As on 29.09.2021)**

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
22	Saatvik Green Energy Pvt. Ltd.	Dubli, Ambala, Haryana, India	240	i	Multi C-Si Modules	SGE 150-36P (150 Wp)	SGE 150-36P	36 (Full Cells)	1000	10.03.2021	09.03.2023
				ii	Multi C-Si Modules	SGE 165-36P (165 Wp)	SGE 160-36P	36 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 165-36P				
							SGE 170-36P				
				iii	Multi C-Si Modules	SGE 200-48P (200 Wp)	SGE 200-48P	48 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 210-48P				
				iv	Multi C-Si Modules	SGE 230-54P (230 Wp)	SGE 220-54P	54 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 225-54P				
							SGE 230-54P				
							SGE 235-54P				
				v	Multi C-Si Modules	SGE 260-60P (260 Wp)	SGE 240-54P	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 250-60P				
							SGE 260-60P				
							SGE 265-60P				
				vi	Multi C-Si Modules	SGE 275-60P (275 Wp)	SGE 270-60P	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 275-60P				
				vii	Multi C-Si Modules	SGE 315-72P (315 Wp)	SGE 300-72P	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 305-72P				
							SGE 310-72P				
							SGE 315-72P				
							SGE 320-72P				
							SGE 325-72P				
							SGE 330-72P				
				viii	Multi C-Si Modules	SGE 340-72P (340 Wp)	SGE 335-72P	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 340-72P				
							SGE 345-72P				
				ix	Mono C-Si Modules	SGE 185-36M (185 Wp)	SGE 180-36M	36 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 185-36M				
							SGE 190-36M				
				x	Mono C-Si Modules	SGE 245-48M (245 Wp)	SGE 235-48M	48 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 240-48M				
							SGE 245-48M				
							SGE 250-48M				
				xi	Mono C-Si Modules	SGE 275-54M (275 Wp)	SGE 255-48M	54 (Full Cells)	1000	10.03.2021	09.03.2023
							SGE 265-54M				
							SGE 270-54M				
							SGE 275-54M				
				xii	Mono C-Si Modules	SGE 300-60M (300 Wp)	SGE 280-54M	60 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 285-54M				
							SGE 290-60M				
							SGE 295-60M				
							SGE 300-60M				
							SGE 305-60M				
				xiii	Mono C-Si Modules	SGE 370-72M (370 Wp)	SGE 310-60M	72 (Full Cells)	1500	10.03.2021	09.03.2023
							SGE 315-60M				
							SGE 355-72M				
							SGE 360-72M				
							SGE 365-72M				
SGE 370-72M											
SGE 375-72M											
SGE 380-72M											
SGE 385-72M											

**Detailed List of Manufacturers and Models of Solar PV Modules Recommended under ALMM Order (As on 29.09.2021)**

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
23	Navitas Green Solutions Pvt. Ltd.	Hojiwala Industrial Estate, Surat, Gujarat, India	100	i	Mono C-Si PERC Modules	NSM365 (365 Wp)	NSM350	72 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM355				
							NSM360				
							NSM365				
							NSM370				
							NSM375				
				NSM380							
				ii	Mono C-Si PERC Modules	NSM330 (330 Wp)	NSM320	72 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM325				
							NSM330				
							NSM335				
							NSM340				
				iii	Mono C-Si PERC Modules	NSM315-60 (315 Wp)	NSM300-60	60 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM305-60				
							NSM310-60				
							NSM315-60				
							NSM320-60				
							NSM325-60				
				iv	Mono C-Si PERC Modules	NSM285-60 (285 Wp)	NSM275-60	60 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM280-60				
							NSM285-60				
							NSM290-60				
							NSM295-60				
				v	Mono C-Si PERC Modules	NSM260-60 (260 Wp)	NSM250-60	60 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM255-60				
							NSM260-60				
							NSM265-60				
				vi	Mono C-Si PERC Modules	NSM340-66 (340 Wp)	NSM325-66	66 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM330-66				
							NSM335-66				
							NSM340-66				
							NSM345-66				
							NSM350-66				
				vii	Mono C-Si PERC Modules	NSM305-66 (305 Wp)	NSM295-66	66 (Full Cells)	1500	10.03.2021	09.03.2023
							NSM300-66				
							NSM305-66				
							NSM310-66				
							NSM315-66				
				viii	Mono C-Si PERC Modules	NSM180-36 (180 Wp)	NSM175-36	36 (Full Cells)	1000	10.03.2021	09.03.2023
							NSM180-36				
NSM185-36											
ix	Mono C-Si PERC Modules	NSM165-36 (165 Wp)	NSM160-36	36 (Full Cells)	1000	10.03.2021	09.03.2023				
			NSM165-36								
			NSM170-36								
x	Mono C-Si PERC Modules	NSM150-36 (150 Wp)	NSM150-36	36 (Full Cells)	1000	10.03.2021	09.03.2023				
			NSM155-36								



















