

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 April, 2023

OFFICE MEMORANDUM

Sub: Extension in Validity of Manufacturers enlisted in ALMM List-I - 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 has been updated vide this Ministry's O.Ms of even no. dated 17.08.2021, 29.09.2021, 10.11.2021, 30.12.2021, 04.03.2022, 05.04.2022, 18.08.2022, 27.09.2022, 25.01.2023 and 27.02.2023.
3. MNRE, vide its O.M. dated 10.03.2021, had published the List-I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019, for the first time. The manufacturers enlisted in the said list had validity of their enlistment from 10.03.2021 to 09.03.2023.
4. This Ministry has received applications for renewal of validity from some Solar PV Manufacturers enlisted in first list of ALMM List-I, before 09.03.2023. For the aforesaid manufacturers who have applied for renewal of validity in this Ministry before 09.03.2023, it has been decided to provisionally extend the validity of enlistment in ALMM by two months i.e., till 09.05.2023.
5. The Revision-XI of List - I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019, with updated validity for the above manufacturers is enclosed herewith as Annexure - I.
6. This is being issued with the approval of Competent Authority.


(Sanjay Karndhar)
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Encl: as above

To:

All Concerned

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

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 24.04.2023)

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	1050	i	Multi Crystalline Silicon Module	Eldora VSP.72.330.05 (330 Wp)	VSP.72.320.05	72 (Full Cells)	1500	10.03.2021	09.05.2023*
							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	09.05.2023*
							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	09.05.2023*
							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	09.05.2023*
							VSMH.72.385.05				
VSMH.72.390.05											
VSMH.72.395.05											
VSMH.72.400.05											
				v	Mono Crystalline Silicon Module	PREXOS VSM DHT.72.445.05 (445Wp)	PREXOS VSM DHT.72.435.05	144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							PREXOS VSM DHT.72.440.05				
PREXOS VSM DHT.72.445.05											
PREXOS VSM DHT.72.450.05											
				vi	Mono Crystalline Silicon Module	SOMERA VSMH.72.440.05 (440Wp)	SOMERA VSMH.72.430.05	144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							SOMERA VSMH.72.435.05				
SOMERA VSMH.72.440.05											
SOMERA VSMH.72.445.05											
SOMERA VSMH.72.450.05											
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											
BE-A.330											
BE-A.335											
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	09.05.2023*
							E325P72				
E330P72											
E335P72											
E340P72											
E345P72											
E350P72											
				ii	Multi C-Si Module	E280P60 (280 Wp)	E270P60	60 (Full Cells)	1500	10.03.2021	09.05.2023*
							E275P60				
E280P60											
E285P60											
E290P60											

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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	Mono PERC Module	E380M72 (380 Wp)	E365M72 E370M72 E375M72 E380M72 E385M72 E390M72 E395M72 E300M60 E305M60 E310M60 E315M60 E320M60 E325M60 E330M60	72 (Full Cells)	1500	10.03.2021	09.05.2023*
				iv	Mono PERC Module	E315M60 (315 Wp)	E305M60 E310M60 E315M60 E320M60 E325M60 E330M60	60 (Full Cells)	1500	10.03.2021	09.05.2023*
5	ORB Energy Pvt. Ltd.	Yeshwanthapura, Bengaluru, Karnataka, India	68	i	Multi C-Si Module	Orb320P72-15 (320 Wp)	Orb305P72-15 Orb310P72-15 Orb315P72-15 Orb320P72-15 Orb325P72-15 Orb330P72-15 Orb335P72-15	72 (Full Cells)	1500	10.03.2021	09.03.2023
				ii	Multi C-Si Module	Orb270P60-15 (270 Wp)	Orb260P60-15 Orb265P60-15 Orb270P60-15 Orb275P60-15 Orb280P60-15	60 (Full Cells)	1500	10.03.2021	09.03.2023
				iii	Multi C-Si Module	Orb320P72 (320 Wp)	Orb305P72 Orb310P72 Orb315P72 Orb320P72 Orb325P72 Orb330P72 Orb335P72	72 (Full Cells)	1000	10.03.2021	09.03.2023
				iv	Multi C-Si Module	Orb270P60 (270 Wp)	Orb260P60 Orb265P60 Orb270P60 Orb275P60 Orb280P60	60 (Full Cells)	1000	10.03.2021	09.03.2023
				v	Mono C-Si Module	Orb370M72-15 (370 Wp)	Orb355M72-15 Orb360M72-15 Orb365M72-15 Orb370M72-15 Orb375M72-15 Orb380M72-15 Orb385M72-15 Orb290M60-15	72 (Full Cells)	1500	10.03.2021	09.03.2023
				vi	Mono C-Si Module	Orb305M60-15 (305 Wp)	Orb295M60-15 Orb300M60-15 Orb305M60-15 Orb310M60-15 Orb315M60-15 Orb320M60-15	60 (Full Cells)	1500	10.03.2021	09.03.2023
				vii	Mono C-Si Module	Orb370M72 (370 Wp)	Orb355M72 Orb360M72 Orb365M72 Orb370M72 Orb375M72 Orb380M72 Orb385M72	72 (Full Cells)	1000	10.03.2021	09.03.2023
				viii	Mono C-Si Module	Orb305M60 (305 Wp)	Orb290M60 Orb295M60 Orb300M60 Orb305M60 Orb310M60 Orb315M60 Orb320M60	60 (Full Cells)	1000	10.03.2021	09.03.2023

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										From	To
				ix	Mono C-Si PERC Module	Orb440M72-15, (440Wp)	Orb440M72-15 (440 Wp)	72 (Full Cells)	1500	10.03.2021	09.03.2023
				x	Mono C-Si PERC Module	Orb400M72-15, (400Wp)	Orb400M72-15 (400Wp) Orb395M72-15 (395Wp) Orb390M72-15 (390Wp)	72 (Full Cells)	1500	10.03.2021	09.03.2023
6	Tata Power Solar Systems Ltd.	Plot No. 43(P) & 44(P) Phase II, Electronic City, Hosur Road, Bangalore- 560100, Karnataka, India	710	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)				
							TP250MBZ(H)				
				iv	Multi C-Si Module	TP260MBZ(H) (260 Wp)	TP255MBZ(H)	60 (Full Cells)	1500	10.03.2021	09.03.2023
							TP260MBZ(H)				
							TP265MBZ(H)				
							TP270MBZ(H)				
							TP365LGZ(H)				
							TP370LGZ(H)				
				v	Mono C-Si PERC Module	TP380LGZ(H) (380 Wp)	TP375LGZ(H)	72 (Full Cells)	1500	10.03.2021	09.03.2023
							TP380LGZ(H)				
							TP385LGZ(H)				
							TP390LGZ(H)				
							TP395LGZ(H)				
							TP340RGZ(H)				
				vi	Mono C-Si PERC	TP355RGZ(H), (355Wp)	TP345RGZ(H)	120 (Half-Cut Cells)	1500	10.03.2021	09.03.2023
							TP350RGZ(H)				
							TP355RGZ(H)				
							TP360RGZ(H)				
TP365RGZ(H)											
TP370RGZ(H)											
vii	Mono C-Si PERC	TP395HGZ(H), (395Wp)	TP380HGZ(H)	144 (Half-Cut Cells)	1500	10.03.2021	09.03.2023				
			TP385HGZ(H)								
			TP390HGZ(H)								
			TP395HGZ(H)								
			TP400HGZ(H)								
			TP405HGZ(H)								
viii	Mono C-Si PERC	TP435HGZ(H), (435Wp)	TP410HGZ(H)	144 (Half-Cut Cells)	1500	10.03.2021	09.03.2023				
			TP415HGZ(H)								
			TP420HGZ(H)								
			TP425HGZ(H)								
			TP430HGZ(H)								
			TP435HGZ(H)								
ix	Mono C-Si PERC	TP470VG10, (470Wp)	TP440HGZ(H)	132 (Half-Cut Cells)	1500	10.03.2021	09.03.2023				
			TP445HGZ(H)								
			TP450HGZ(H)								
			TP455HGZ(H)								
			TP450VG10								
			TP455VG10								
TP460VG10											
TP465VG10											
TP470VG10											
TP475VG10											
TP480VG10											
TP485VG10											
TP490VG10											

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										From	To
7	Swelect Energy Systems Ltd.	No. 31 To 34 & 37 Kiadb Industrial Area, Phase-I, Dabaspet, Nelamangala Taluk, Bangalore Rural District, Karnataka - 562111, India	90	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				
				iii	Multi C-Si Module	HST72F330P (330 Wp)	HST72F320P	72 (Full Cells)	1000	10.03.2021	09.03.2023
							HST72F325P				
HST72F330P											
HST72F335P											
iv	Multi C-Si Module	HST72F300P (300 Wp)	HST72F340P	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			HST72F345P								
v	Mono C-Si Module	HST36F190M (190 Wp)	HST72F300P	36 (Full Cells)	1000	10.03.2021	09.03.2023				
			HST36F185M								
			HST36F190M								
vi	Mono C-Si Module	HST60F310M (310 Wp)	HST36F195M	60 (Full Cells)	1000	10.03.2021	09.03.2023				
			HST60F295M								
			HST60F300M								
			HST60F305M								
			HST60F310M								
			HST60F315M								
vii	Mono C-Si Module	HST72F375M (375 Wp)	HST60F320M	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			HST60F325M								
			HST72F360M								
			HST72F365M								
			HST72F370M								
viii	Mono C-Si Module	HST72F395M (395 Wp)	HST72F375M	72 (Full Cells)	1000	10.03.2021	09.03.2023				
			HST72F380M								
			HST72F385M								
			HST72F390M								
ix	Mono C-Si PERC Modules	HST72F400MF, (400Wp)	HST72F395M	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			HST72F400MF								
			HST72F395MF								
			HST72F390MF								
			HST72F385MF								
x	Multi C-Si Modules	HST72F340PF, (340Wp)	HST72F380MF	72 (Full Cells)	1500	10.03.2021	09.03.2023				
			HST72F340PF								
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	09.05.2023*
							DESERV 3M6-320				
							DESERV 3M6-325				
							DESERV 3M6-330				
							DESERV 3M6-335				
							DESERV 3M6-340				
				ii	Multi C-Si Module	DESERV 3M6H-330 (330 Wp)	DESERV 3M6-345	72 (Full Cells)	1500	10.03.2021	09.05.2023*
							DESERV 3M6H-315				
							DESERV 3M6H-320				
							DESERV 3M6H-325				
							DESERV 3M6H-330				
							DESERV 3M6H-335				
				iii	Multi C-Si Module	DESERV MGALACTIC-345 (345 Wp)	DESERV 3M6H-340	144 (Half Cut Cells)	1500	10.03.2021	09.05.2023*
							DESERV 3M6H-345				
							DESERV MGALACTIC-330				
							DESERV MGALACTIC-335				
iv	Mono C-Si Module	DESERV 3S6-360 (360 Wp)	DESERV MGALACTIC-340	72 (Full Cells)	1000	10.03.2021	09.05.2023*				
			DESERV MGALACTIC-345								
			DESERV MGALACTIC-350								
			DESERV MGALACTIC-355								
			DESERV MGALACTIC-360								
			DESERV 3S6-345								
DESERV 3S6-350											
DESERV 3S6-355											
DESERV 3S6-360											
DESERV 3S6-365											
DESERV 3S6-370											