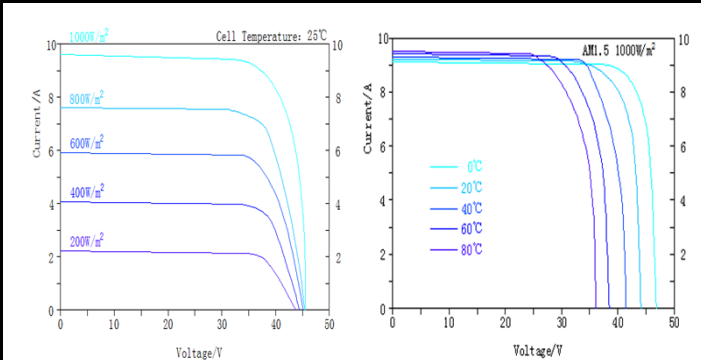
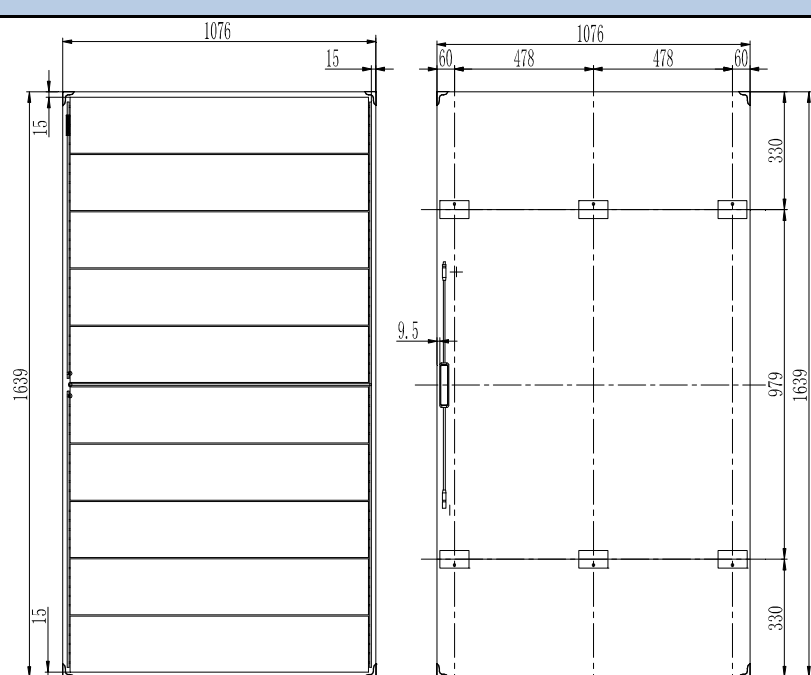


Specification of TH330PM5-60SD Monocrystalline PERC shingled double glass solar module

Electrical Characteristics at Standard Test Conditions(STC)							Temperature Characteristics			
Module Type:TH *** PM5-60SD	340	335	330	325	320	315	NMOT	42.3°C (±2°C)		
Maximum Power-Pm [W]	340	335	330	325	320	315	Temperature Coefficient of Voc	-0.30%/°C		
Open Circuit Voltage-Voc [V]	45.2	45.2	45.1	45.1	45.0	44.9	Temperature Coefficient of Isc	0.05%/°C		
Short Circuit Current-Isc [A]	9.51	9.49	9.45	9.42	9.39	9.36	Temperature Coefficient of Pm	-0.43%/°C		
Maximum Power Voltage-Vm [V]	37.4	37.3	37.2	37.1	37.0	36.9	Maximum Ratings			
Maximum Power Current-Im [A]	9.09	8.98	8.87	8.76	8.65	8.54			Maximum System Voltage [V]	DC 1500/1000(IEC); DC 1000(UL)
Module Efficiency-η [%]	18.9	18.6	18.4	18.1	17.8	17.5			Series Fuse Rating [A]	20
Electrical Characteristics at NMOT							Maximum Surface Load Capacity [Pa]			
Maximum Power-Pm [W]	252	248	244	241	237	233	Maximum Surface Load Capacity [Pa]	5,400		
Open Circuit Voltage-Voc [V]	42.9	42.9	42.8	42.8	42.7	42.6	Temperature Range [°C]	- 40 to + 85		
Short Circuit Current-Isc [A]	7.67	7.66	7.63	7.60	7.58	7.55	Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹		
Maximum Power Voltage-Vm [V]	35.5	35.4	35.3	35.2	35.1	35.0	Other Characteristics			
Maximum Power Current-Im [A]	7.10	7.01	6.93	6.84	6.75	6.67			Packaging	30 pcs/box; 780pcs/40'container;1440pcs/flat car
Note: 1. Standard Test Conditions [STC]: irradiance 1000W/m ² ; AM 1.5 ; ambient temperature 25°C according to EN 60904-3; 2. Nominal Module Operating Temperature (NMOT): Irradiance 800W/m ² ; wind speed 1m/s , ambient temperature 20°C. 3. Tolerance of Pm: 0~+5W, Measuring uncertainty of power: ±3%. Performance deviation of Voc [V], Isc [A], Vm [V] and Im [A]: ±3%.									Warranty	10 year Product Workmanship Warranty
								30 year Linear Power Warranty		
Mechanical Characteristics							I-V 曲线			
Dimensions	1639×1076×6mm (L×W×H) (except junction box)									
Weight	27.0kg									
Front Glass	AR coating tempered glass, 2.5mm									
Encapsulation	POE									
Cells	6" PERC Mono Solar Cells(in increment of 5)									
Back Sheet	tempered glass, 2.5mm									
Frame	No Frame									
Junction Box	Rated current:18A, IP67, TUV&UL									
Cable	Length 1000mm, 1x4mm ²									
Connector	Compatible with MC4									
Drawing										
										

Declaration:With the technical progress and product updates,there exists a deviation between the technical parameter of the TW Solar's future products and the technical parameter in this specification,The TW Solar reserves the right to adjust the technical parameter at any time without notifying the customers, TW Solar reserves the final right of interpretation.