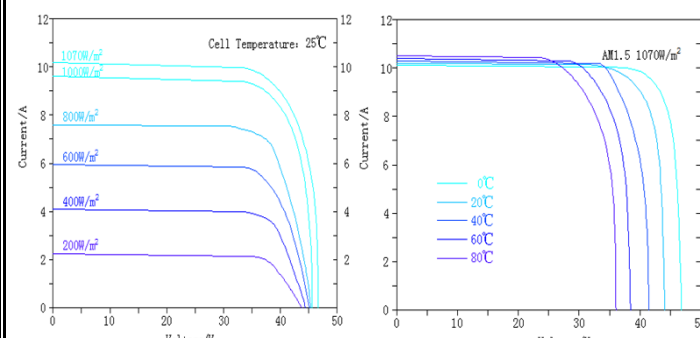
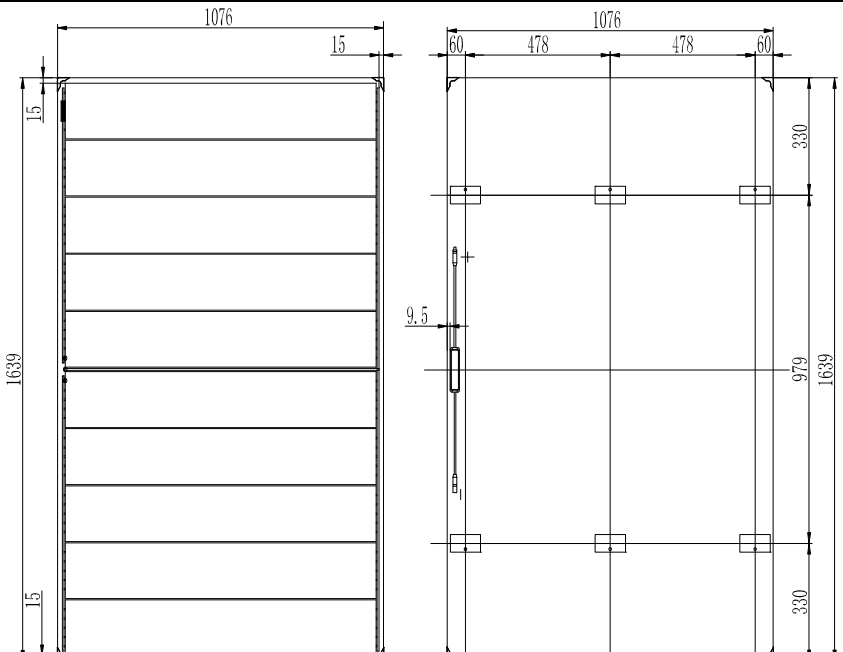


Specification of TH355PMB5-60SD Monocrystalline PERC shingled double glass solar module-Integrated power

Electrical Characteristics at Standard Test Conditions(STC)							Temperature Characteristics							
Module Type:TH *** PMB5-60SD	360	355	350	345	340	335	NMOT	42.3°C (±2°C)						
Maximum Power-Pm [W]	360	355	350	345	340	335	Temperature Coefficient of Voc	-0.30%/°C						
Open Circuit Voltage-Voc [V]	45.3	45.2	45.1	45.0	44.9	44.8	Temperature Coefficient of Isc	0.05%/°C						
Short Circuit Current-Isc [A]	10.18	10.15	10.11	10.08	10.05	10.02	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 Power Current-Im [A]	9.63	9.52	9.41	9.30	9.19	9.08								
Module Efficiency-η [%]	20.4	20.1	19.8	19.6	19.3	19.0								
Electrical Characteristics at NMOT							Maximum Ratings							
Maximum Power-Pm [W]	267	263	259	255	252	248	Maximum System Voltage [V]	DC 1500/1000(IEC); DC 1000(UL)						
Open Circuit Voltage-Voc [V]	42.9	42.9	42.8	42.7	42.6	42.5	Series Fuse Rating [A]	20						
Short Circuit Current-Isc [A]	8.21	8.19	8.16	8.13	8.11	8.08	Maximum Surface Load Capacity [Pa]	5,400						
Maximum Power Voltage-Vm [V]	35.5	35.4	35.3	35.2	35.1	35.0	Temperature Range [°C]	– 40 to + 85						
Maximum Power Current-Im [A]	7.52	7.43	7.35	7.26	7.18	7.09	Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹						
Note: 1. Standard Test Conditions [STC]: irradiance= (1+0.1BiFi) 1000W/m²,BiFi=0.7; AM 1.5 ; ambient temperature 25°C according to EN 60904-3; 2. Nominal Module Operating Temperature (NMOT): Irradiance= (1+0.1BiFi) 800W/m²,BiFi=0.7; 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%.							Other Characteristics							
							Packaging	30 pcs/box; 780 pcs/40'container;1440pcs/flat car						
							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" Bifacial 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, 1×4mm 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.