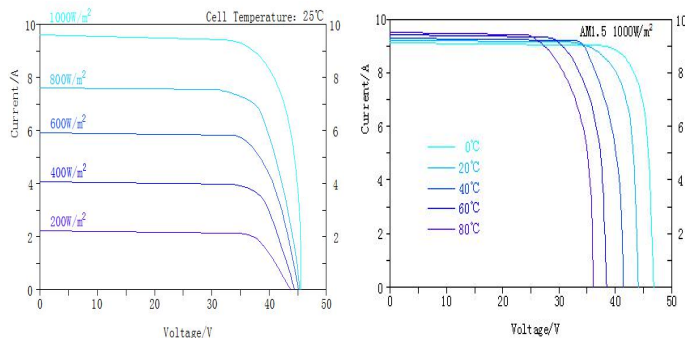
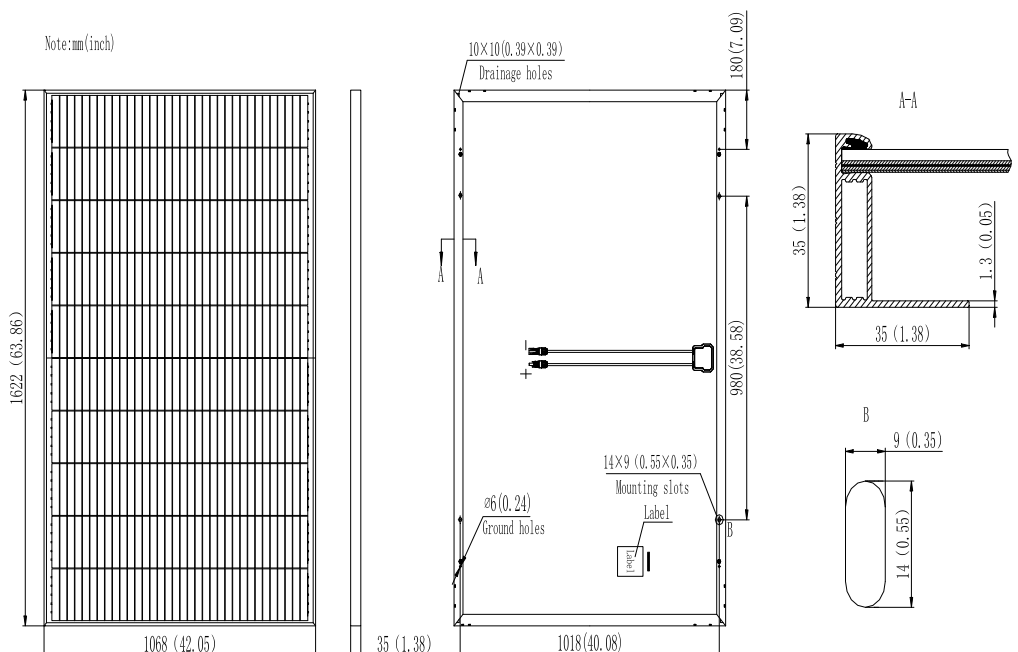


Specification of TH330PM5-60S Monocrystalline PERC shingled solar module

Electrical Characteristics at Standard Test Conditions(STC)						
Module Type:TH *** PM5-60S	350	345	340	335	330	325
Maximum Power-Pm [W]	350	345	340	335	330	325
Open Circuit Voltage-Voc [V]	45.4	45.3	45.2	45.2	45.1	45.1
Short Circuit Current-Isc [A]	9.60	9.55	9.51	9.49	9.45	9.42
Maximum Power Voltage-Vm [V]	37.6	37.5	37.4	37.3	37.2	37.1
Maximum Power Current-Im [A]	9.31	9.20	9.09	8.98	8.87	8.76
Module Efficiency-η [%]	20.2	19.9	19.6	19.3	19.0	18.8
Electrical Characteristics at NMOT						
Maximum Power-Pm [W]	261	257	253	249	246	242
Open Circuit Voltage-Voc [V]	43.0	42.9	42.8	42.8	42.7	42.7
Short Circuit Current-Isc [A]	7.75	7.71	7.68	7.66	7.63	7.61
Maximum Power Voltage-Vm [V]	35.6	35.5	35.4	35.3	35.2	35.1
Maximum Power Current-Im [A]	7.32	7.24	7.15	7.07	6.98	6.89
Note: 1. Standard Test Conditions [STC]: irradiance 1000 W/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%.						
Mechanical Characteristics						
Dimensions	1622×1068×35 mm (L×W×H)					
Weight	19.8kg					
Front Glass	White toughened safety glass, 3.2mm					
Encapsulation	EVA					
Cells	6" PERC Mono-crystalline silicon solar cells (in increment of 5)					
Back Sheet	co-extrusion backsheet					
Frame	Anodized aluminum profile					
Junction Box	Rated current:15A, IP67, TUV&UL					
Cable	Length 1000mm, 1×4mm ²					
Connector	PV-KST4-EVO2/xy_UR、PV-KBT4-EVO2/xy_UR+Staubli; 05-8+Renhe.					

Temperature Characteristics	
NMOT	42.3℃ (±2℃)
Temperature Coefficient of Voc	-0.27%/℃
Temperature Coefficient of Isc	0.04%/℃
Temperature Coefficient of Pm	-0.34%/℃
Maximum Ratings	
Maximum System Voltage [V]	DC 1500(IEC)
Series Fuse Rating [A]	20
Maximum Surface Load Capacity [Pa]	5,400
Temperature Range [℃]	– 40 to + 85
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹
Other Characteristics	
Packaging	30 pcs/box; 840 pcs/40'container;1440pcs/flat car
Warranty	10 year Product Workmanship Warranty
	25 year Linear Power Warranty
I-V Curve	
	

Drawing	Certificates
Note:mm(inch) 	

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.

Manufactured in China