

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/m²; AM 1.5 ; ambient temperature 25 °C according to EN 60904-3;
2. Nominal Module Operating Temperature (NMOT): Irradiance 800W/ m²; 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°C (±2°C)
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pm	-0.34%/°C

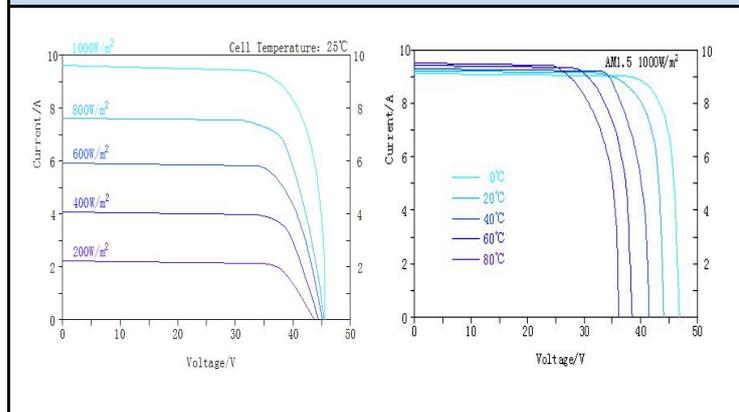
Maximum Ratings

Maximum System Voltage [V]	DC 1500(IEC)
Series Fuse Rating [A]	20
Maximum Surface Load Capacity [Pa]	5,400
Temperature Range [°C]	- 40 to + 85
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹

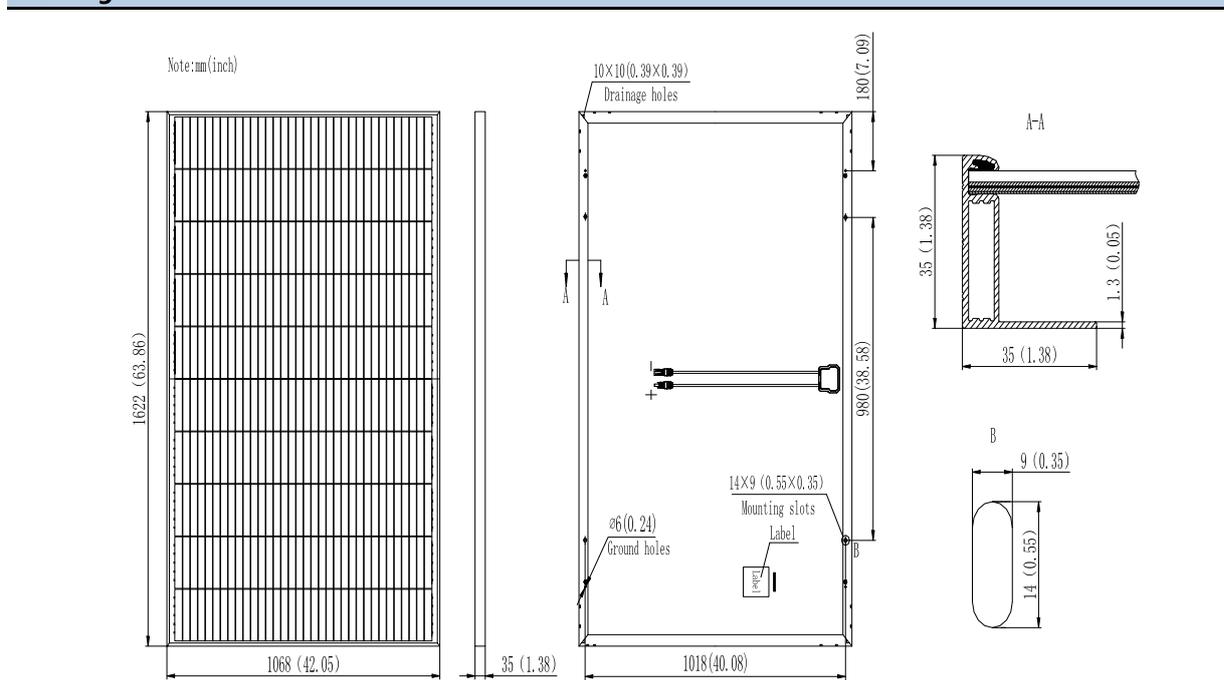
Other Characteristics

Packaging	30 pcs/box; 840 pcs/40'container;1440pcs/flat car
Warranty	10 year Product Workmanship Warranty 25 year Linear Power Warranty

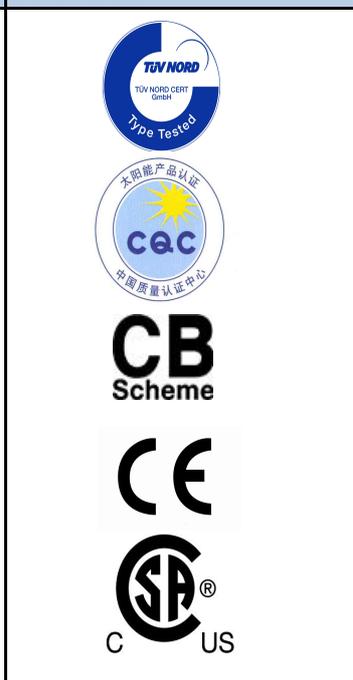
I-V Curve



Drawing



Certificates



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