

6" Poly-crystalline Solar Cell, 6x12pcs



Best Efficiency

Module maximum conversion efficiency > 16.9%



Withstand Strong Wind/Snow/Salt/Mist/Fire

Salt and mist corrosion test pass. Ammonia corrosion test pass. 5400Pa load test pass. Fire test pass



Best Reliability

- TUV, ETL, MCS Certification / Trusty real power output
- Strict materials verification, strict production control and traceable, only use A grade cell
- Internal strict reliability test (DH3000, TC200, Outdoor exposure test routinely)



Excellent Customized Module

- Standard white back sheet and silver frame, black back sheet and frame are optional
- Special structure module: extra high load endurance module.
- High environment endurable module ready for severe application
- Multi-layout available: 4x9, 6x6, 6x7, 6x8, 6x9, 6x10, 6x12



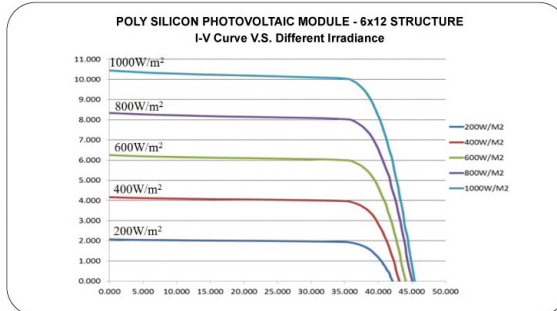
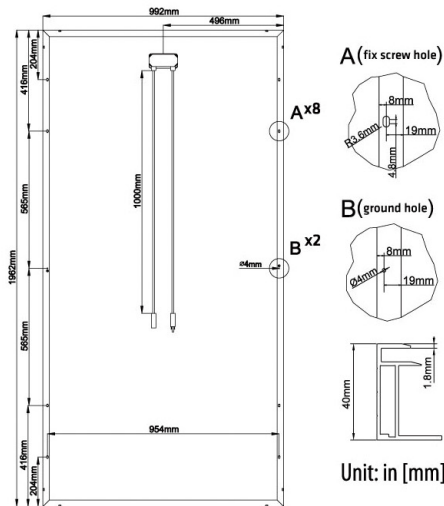
Best Reputation

RITEK group was established in 1988. For more than 25 years, Headquarter located in Taiwan, RITEK has proven its excellent product and service.



100% EL Inspection

Double run 100% EL inspection



Electrical Data

Model Type	PM72-6RT-300	PM72-6RT-305	PM72-6RT-310	PM72-6RT-315	PM72-6RT-320	PM72-6RT-325	PM72-6RT-330
Peak Power Rating, Pmax	300W	305W	310W	315W	320W	325W	330W
Power Tolerance	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W
Peak Power Voltage, Vmp	36.32	36.80	36.73	37.28	37.83	38.29	38.60
Peak Power Current, Imp	8.26	8.29	8.44	8.45	8.46	8.49	8.55
Open Circuit Voltage, Voc	44.25	44.75	44.89	45.53	45.81	46.52	46.73
Short Circuit Current, Isc	8.49	8.65	8.54	8.73	8.76	8.84	8.88
Module Efficiency	15.41%	15.67%	15.93%	16.18%	16.44%	16.70%	16.96%

*STC: Standard Test Condition, 1000W/m², AM 1.5, 25°C ** Vmp tolerance +/- 3%, Imp tolerance +/- 3%, Voc tolerance +/- 3%, Isc tolerance -0/+5%



Mechanical Data

Item	Specification
Dimension [L x W x H]	77.24 x 39.06 x 1.57in (1962 x 992 x 40mm)
Cable Length	1M, other length optional
Weight	48.5 lbs (22.0 Kg)
Warranty	90% Output Power : 10 Years 80% Output Power : 25 Years

*The actual measurements shall depends on the manufacturer's standard.
***For details, please read our warranty letter.

Packing Specifications

Item	Specification
Modules Per Carton	13pcs/Carton
Modules Per Pallet	26pcs/Pallet (=2 Cartons/Pallet)
Pallet Dimension [L x W x H]	79.6 x 44.6 x 45.1 in (2022 x 1132 x 1146 mm)
Pallet Weight	1294 Lbs (587Kg)
20ft Container Capacity (pcs)	260
40ft Container Capacity (pcs)	572

*The accurate weight should depends on the product which customer received.



Operating Condition

Item	Specification
Maximum System Voltage (U.S. & Canada)	600VDC
Maximum System Voltage (Area Not in the U.S. & Canada)	1000VDC (According to Norms in Each Area)
Series Fuse Rating	15A
Fire Safety Class	Class C
Application Class	Class A (Safety Class II)
Environmental Operating Temperature (°F, °C)	-40 to 185°F, -40 to 85°C

Thermal Characteristics

Item	Specification
NOCT (Nominal Operating Cell Temperature) °F, °C	120.38°F, 49.1°C
Temperature Coefficient TK Isc (Short Circuit Current) α	+0.054%/°C
Temperature Coefficient TK Voc (Open Circuit Voltage) β	-0.343%/°C
Temperature Coefficient TK Pmax (Peak Power) γ	-0.461%/°C

