



6" Poly-crystalline Solar Cell, 6x10pcs



**TOP 100**  
TAIWAN BRANDS



### Best Efficiency

Module maximum conversion efficiency > 16.6%



### 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)



### 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.



### Withstand Strong Wind/Snow/Salt/Mist/Fire

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



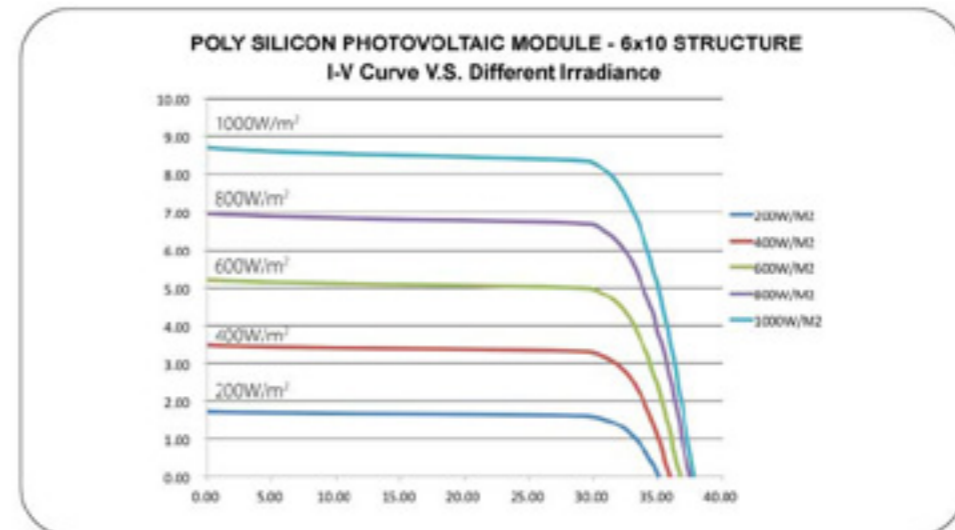
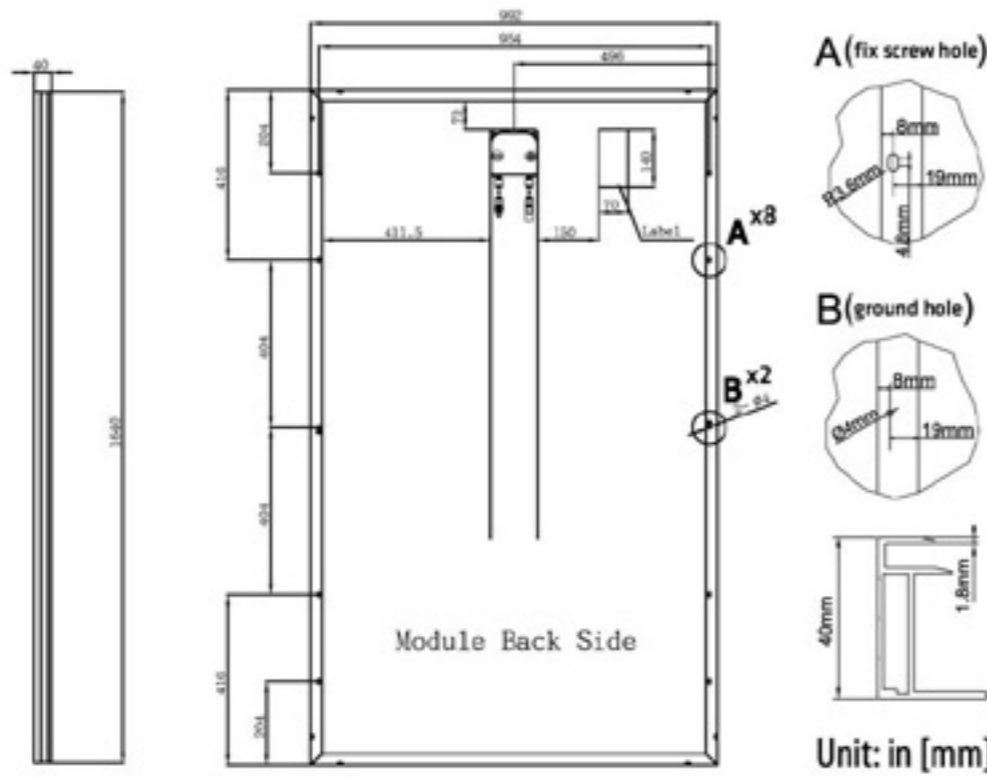
### Excellent Customized Module

- 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



### 100% EL Inspection

Double run 100% EL inspection



### Electrical Data

Model Type	PM60-6RT-250	PM60-6RT-255	PM60-6RT-260	PM60-6RT-265	PM60-6RT-270
Peak Power Rating, P <sub>max</sub>	250W	255W	260W	265W	270W
Power Tolerance	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W
Peak Power Voltage, V <sub>mp</sub>	30.53	30.08	31.18	31.59	31.77
Peak Power Current, I <sub>mp</sub>	8.19	8.28	8.34	8.39	8.50
Open Circuit Voltage, V <sub>oc</sub>	38.06	38.18	38.48	38.72	38.84
Short Circuit Current, I <sub>sc</sub>	8.8	8.83	8.89	8.94	8.98
Module Efficiency	15.37%	15.67%	15.98%	16.29%	16.60%

\*STC: Standard Test Condition, 1000W/m<sup>2</sup>, AM1.5, 25°C

\*\* V<sub>mp</sub> tolerance +/-3%, I<sub>mp</sub> tolerance +/-3%, I<sub>sc</sub> tolerance -0/+5%



### Mechanical Data

Item	Specification
Dimension [L x W x H]	64.57 x 39.06 x 1.57in (1640 x 992 x 40mm)
Cable Length	1M, other length optional
Weight	39.68 lb (18.0 Kg)
Warranty	90% Output Power : 10 Years 80% Output Power : 25 Years

### Packing Specifications

Item	Specification
Modules Per Carton	13pcs/Carton
Modules Per Pallet	26pcs/Pallet (=2 Cartons/Pallet)
Pallet Dimension [L x W x H]	66.5 x 44.6 x 45.3 in (1690 x 1132 x 1150 mm)
Pallet Weight	1111 Lbs (504Kg)
20ft Container Capacity (pcs)	312
40ft Container Capacity (pcs)	728



### 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 I <sub>sc</sub> (Short Circuit Current) α	+0.054%/°C
Temperature Coefficient TK V <sub>oc</sub> (Open Circuit Voltage) β	-0.343%/°C
Temperature Coefficient TK P <sub>max</sub> (Peak Power) γ	-0.461%/°C

