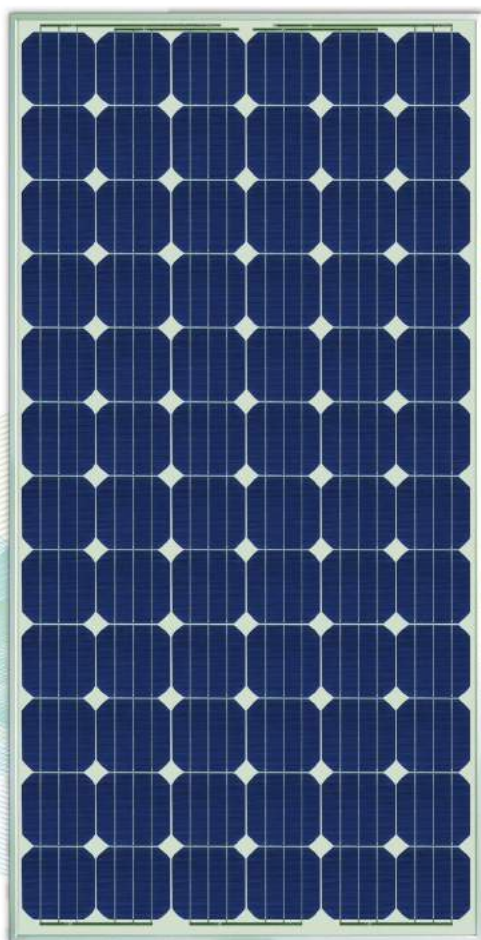




6" Mono-crystalline Solar Cell, 6x12pcs



TOP 100
TAIWAN BRANDS



Best Efficiency

Module maximum conversion efficiency>18.2%



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



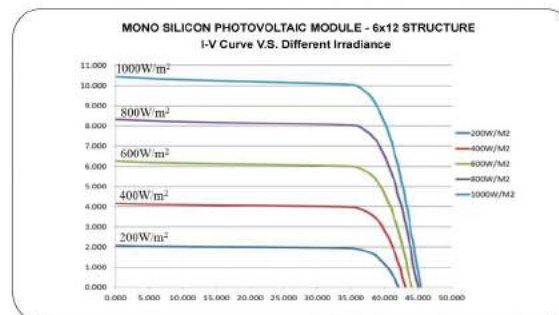
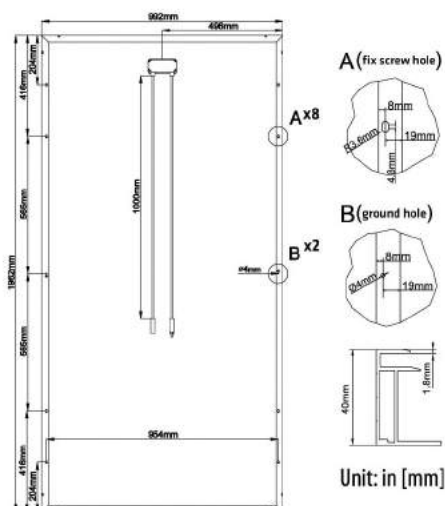
Best Reputation

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	MM72-6RT-310	MM72-6RT-315	MM72-6RT-320	MM72-6RT-325	MM72-6RT-330	MM72-6RT-335	MM72-6RT-340	MM72-6RT-345	MM72-6RT-350	MM72-6RT-355	MM72-6RT-360
Peak Power Rating, P _{max}	310W	315W	320W	325W	330W	335W	340W	345W	350W	355W	360W
Power Tolerance	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W	-0 / +5W
Peak Power Voltage, V _{mp}	35.51	36.35	36.90	37.58	37.94	37.99	38.38	38.79	38.85	39.06	39.28
Peak Power Current, I _{mp}	8.45	8.53	8.57	8.65	8.70	8.82	8.86	8.90	9.01	9.09	9.17
Open Circuit Voltage, V _{oc}	43.79	44.74	45.40	45.59	45.63	46.02	46.49	47.02	47.60	48.13	48.60
Short Circuit Current, I _{sc}	8.90	9.00	9.05	9.26	9.40	9.46	9.50	9.53	9.55	9.58	9.62
Module Efficiency	15.93%	16.18%	16.44%	16.70%	16.96%	17.21%	17.47%	17.73%	17.98%	18.24%	18.50%

*STC: Standard Test Condition, 1000W/m², AM 1.5, 25°C

** V_{mp} tolerance +/- 3%, I_{mp} tolerance +/- 3%, V_{oc} tolerance +/- 3%, I_{sc} 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 I _{sc} (Short Circuit Current) α	+0.054%/°C
Temperature Coefficient TK V _{oc} (Open Circuit Voltage) β	-0.339%/°C
Temperature Coefficient TK P _{max} (Peak Power) γ	-0.459%/°C

