

PRODUCT SPECIFICATION

Type Of Module	SY-72-310M	SY-72-320M
Maximum Power (W)	310	320
Tolerance (%)	± 3%	± 3%
Open Circuit Voltage (V)	45.7	45.9
Short Circuit Current (A)	8.95	9.15
Maximum Power Voltage (V)	38.4	38.6
Maximum Power Current (A)	8.07	8.29
Module Efficiency (%)	16	16.5
Solar Cell Efficiency (%)	17.7	18.3
Series Fuse Rating (A)	15	15
Terminal Box	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000
Operating Temperature(°C)	-40°C ---85°C	-40°C ---85°C



PRODUCT FEATURE

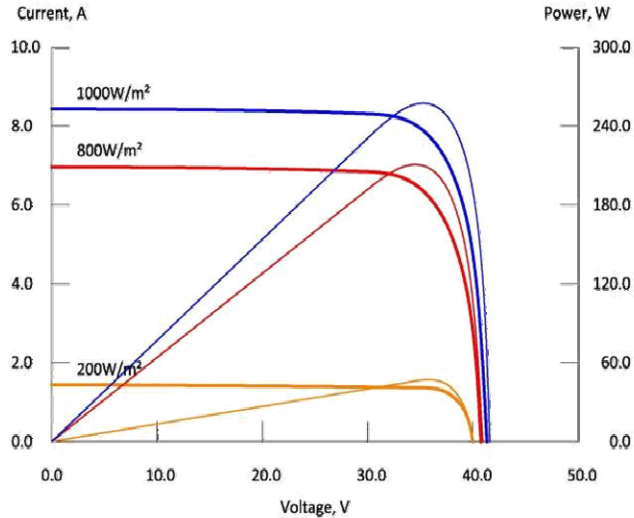
- Bypass diode minimizes the power drop by shade.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 10 years.

Quality Assurance

- Electrical Insulation test
- Outdoor exposure test
- Hot-spot endurance test
- UV-exposure
- Thermal cycling test
- Humidity freeze test
- Damp heat test
- Robustness of terminations test
- Wet leakage current test
- Mechanical load test
- Hail impact test
- Bypass diode thermal test

Electrical Characteristics

Current-Voltage & Power-Voltage characteristics various irradiance levels



Electric Performance Typical Performance Characteristics		
Current Temperature Coefficient	%/°C	0.06
Voltage Temperature Coefficient	%/°C	-0.34
Power Temperature Coefficient	%/°C	-0.47
Performance Warranty : 90%output , 12 years 80%output, 25 years		

Physical Specifications

Dimension 1956*992*50mm

Weight: 22KG/PCS

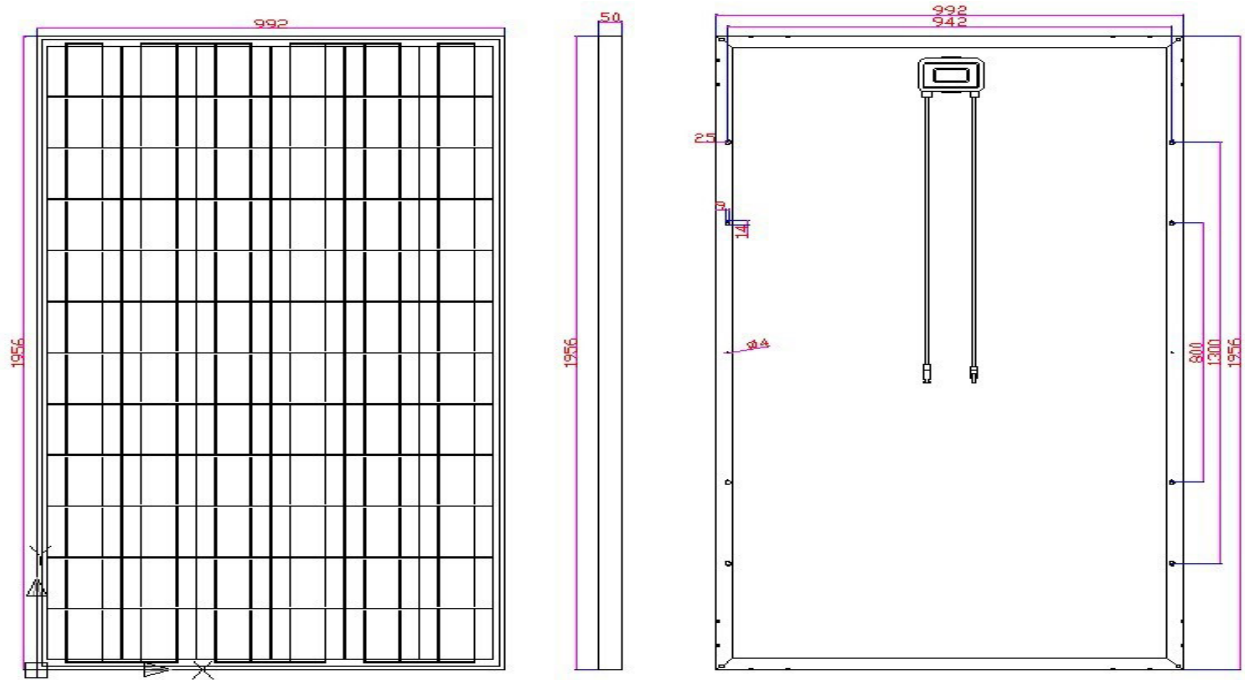
Packing : 2pcs in one carton

Loading Capacity:

170 pcs/ 20' Container

374 pcs/ 40' Container

440 pcs/ 40' HQ



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