

PRODUCT SPECIFICATION

Type Of Module	SY-140M
Maximum Power (W)	140
Tolerance (%)	± 3%
Open Circuit Voltage (V)	22.5
Short Circuit Current (A)	8.19
Maximum Power Voltage (V)	18.5
Maximum Power Current (A)	7.57
Module Efficiency (%)	16.2
Solar Cell Efficiency (%)	18.8
Series Fuse Rating (A)	15
Terminal Box	IP65
Maximum system voltage (V)	DC1000
Operating Temperature(°C)	-40°C ---85°C



PRODUCT FEATURE

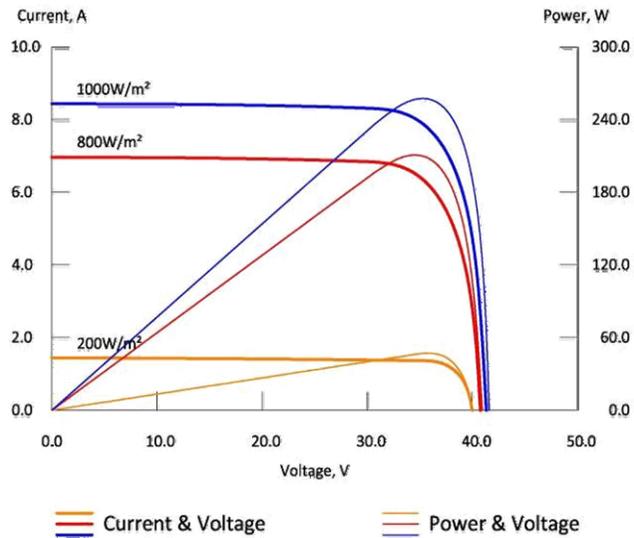
- Bypass diode minimizes the power drop by shade.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 10 years.

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: 1070*808*35MM

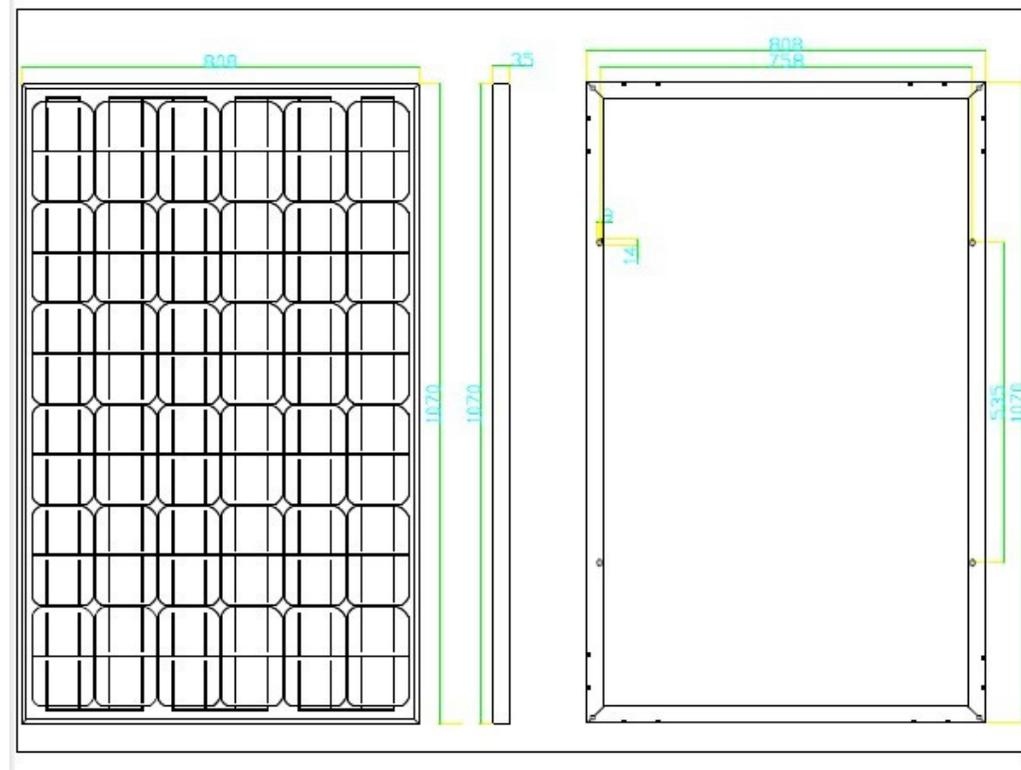
Weight: 9.8KG/PCS

Packing : 2pcs in one carton

Loading Capacity:

458pcs/ 20' Container

906pcs/ 40' Container



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