

PRODUCT SPECIFICATION

Type Of Module	SY-160M	SY-170M
Maximum Power (W)	160	170
Tolerance (%)	± 3%	± 3%
Open Circuit Voltage (V)	44.1	45.5
Short Circuit Current (A)	4.85	4.91
Maximum Power Voltage (V)	36	37
Maximum Power Current (A)	4.44	4.59
Module Efficiency (%)	15.6	16.6
Solar Cell Efficiency (%)	17.8	18.9
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

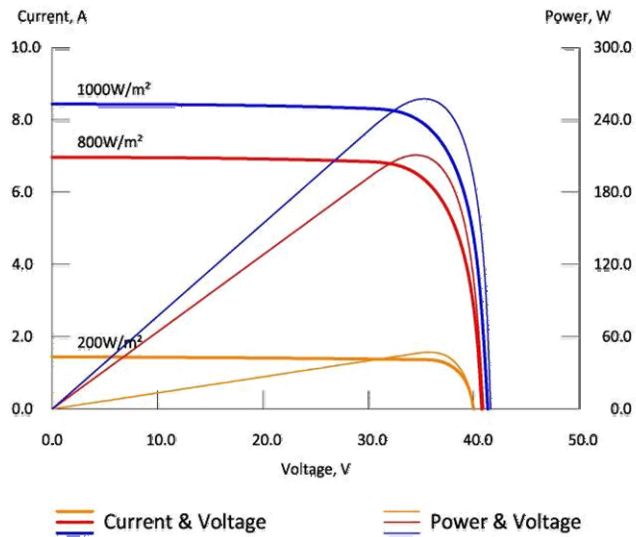
Quality Assurance

- 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.

- 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: 1270*808*35MM

Weight: 11.6KG/PCS

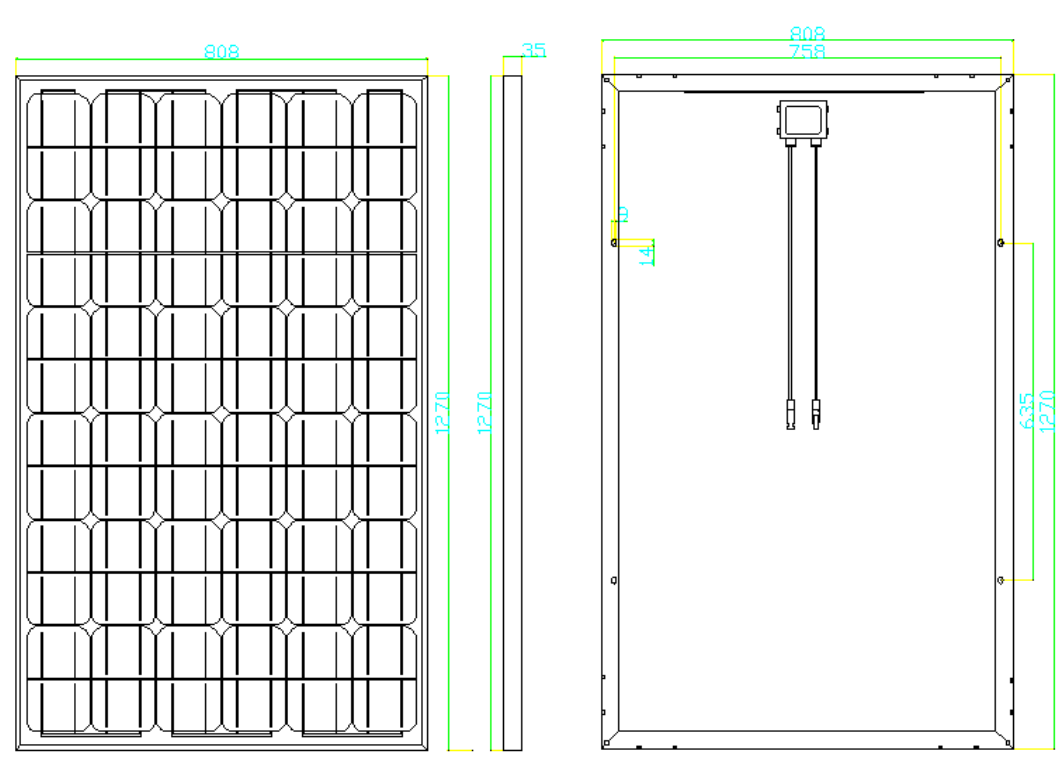
Packing : 2pcs in one carton

Loading Capacity:

464pcs/ 20' Container

974pcs/ 40' Container

1042pcs/ 40' HQ



SHENZHEN SUOYANG NEW ENERGY CO.,LTD.

ADD.: No.5 Building,Juhui Mold Industrial area,Tianliao Road,Guangming New Districte ,Shenzhen ,China

Tel:+86- 755 3369 9191

Fax: +86-755 3369 9194

