

**PRODUCT SPECIFICATION**

Type Of Module	SY-105M
Maximum Power (W)	105
Tolerance (%)	± 3%
Open Circuit Voltage (V)	22.8
Short Circuit Current (A)	6.14
Maximum Power Voltage (V)	18.8
Maximum Power Current (A)	5.59
Module Efficiency (%)	15.8
Solar Cell Efficiency (%)	18.9
Series Fuse Rating (A)	15
Terminal Box	IP65
Maximum system voltage (V)	DC1000
Operating Temperature(°C)	-40°C ---85°C



**PRODUCT FEATURE**

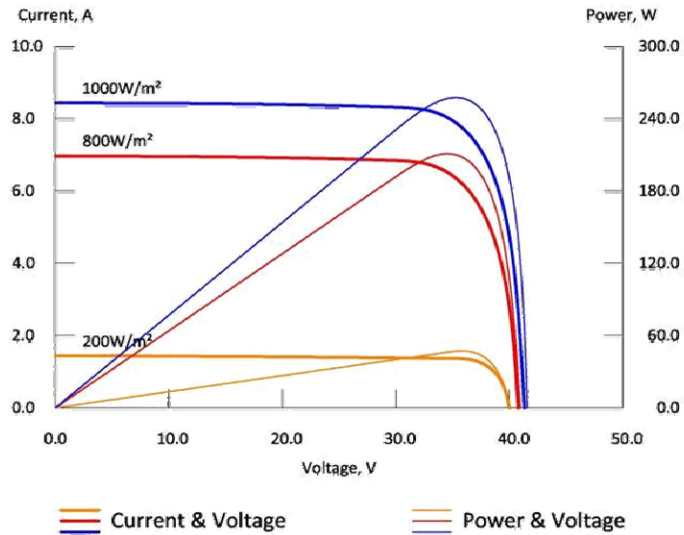
- Bypass diode minimizes the power drop by shade.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 10 years.

**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: 1200\*554\*30MM

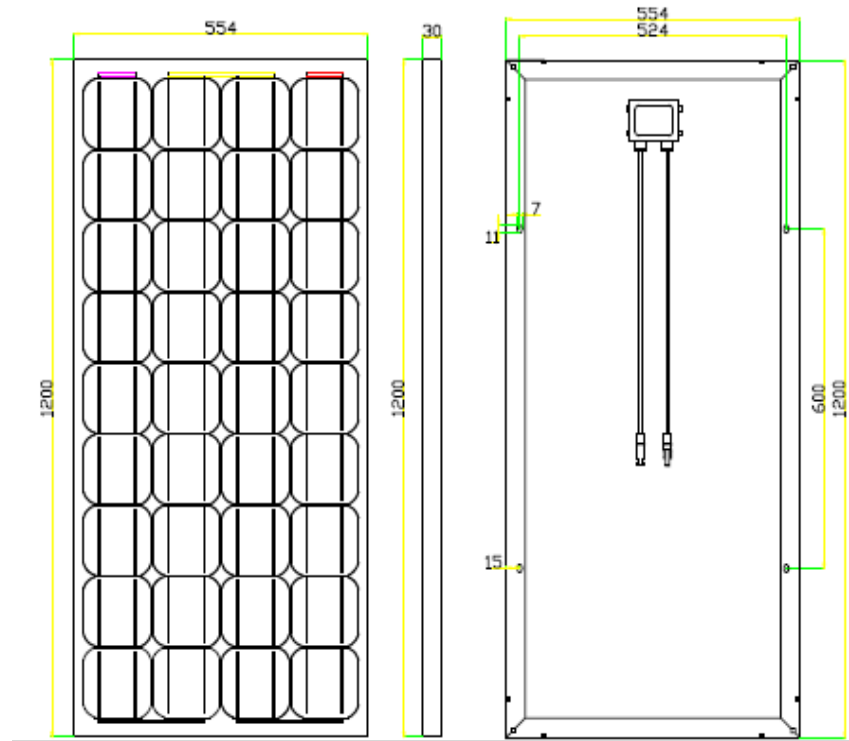
Net Weight: 8.2KG/PCS

Packing : 2pcs in one carton

### Loading Capacity:

648 pcs/ 20' Container

1458 pcs/ 40' Container



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 9192

Fax: +86-755 3369 9194

