

### PRODUCT SPECIFICATION



Type Of Module	SY-260M	SY-270M	SY-280M
Maximum Power (W)	260	270	280
Tolerance (%)	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	60.1	60.2	60.4
Short Circuit Current (A)	5.8	6	6.2
Maximum Power Voltage (V)	48.8	49	49.2
Maximum Power Current (A)	5.33	5.51	5.69
Module Efficiency (%)	15.5	16.1	16.7
Solar Cell Efficiency (%)	17.4	18.1	18.7
Series Fuse Rating (A)	15	15	15
Terminal Box	IP65	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000	DC1000
Operating Temperature(°C)	-40°C ---85°C	-40°C ---85°C	-40°C ---85°C

### PRODUCT FEATURE

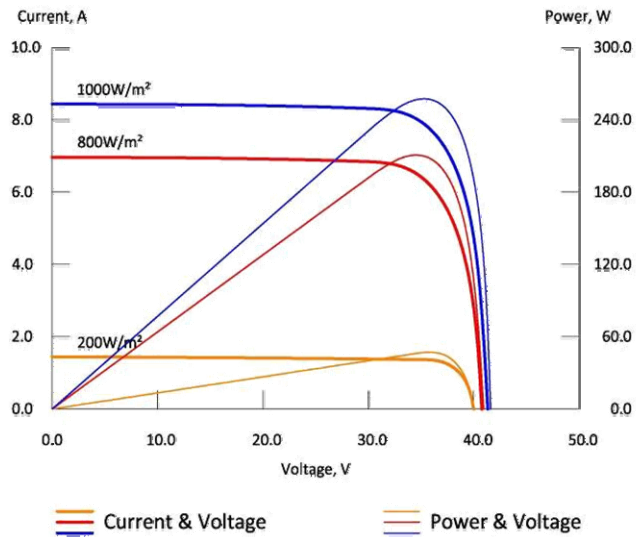
### Quality Assurance

- 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: 1580\*1062\*45mm

Weight: 20KG/PCS

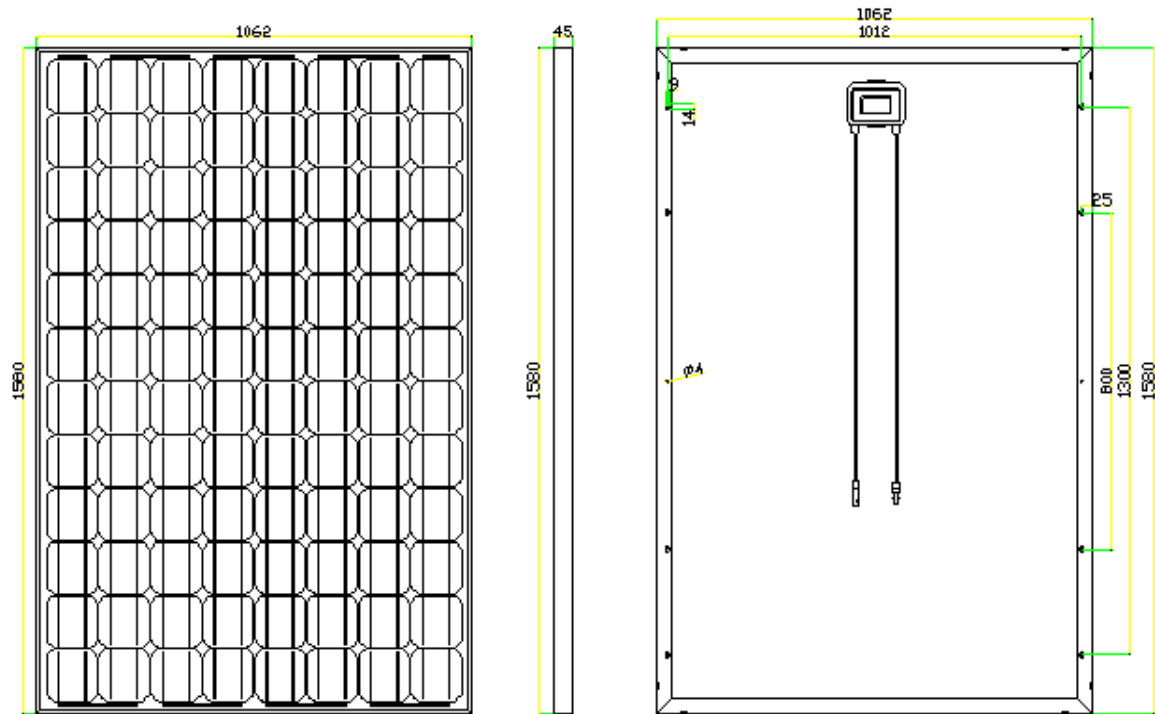
Packing : 2pcs in one carton

### Loading Capacity:

216 pcs/ 20' Container

504 pcs/ 40' Container

616 pcs/ 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

