

PRODUCT SPECIFICATION

Type Of Module	SY-72-310W	SY-72-315W	SY-72-320W	SY-72-325W	SY-72-330W
Maximum Power (W)	310	315	320	325	330
Tolerance (%)	± 3%	± 3%	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	45.5	45.6	45.7	45.8	45.9
Short Circuit Current (A)	8.7	8.82	8.94	9.05	9.16
Maximum Power Voltage (V)	37.5	37.6	37.7	37.8	37.9
Maximum Power Current (A)	8.27	8.38	8.49	8.6	8.71
Module Efficiency (%)	16	16.2	16.5	16.8	17
Solar Cell Efficiency (%)	18	18.3	18.6	18.9	19.2
Series Fuse Rating (A)	15	15	15	15	15
Terminal Box	IP65	IP65	IP65	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000	DC1000	DC1000	DC1000
Operating Temperature(°C)	-40°C -- 85°C	-40°C -- 85°C	-40°C -- 85°C	-40°C -- 85°C	-40°C -- 85°C



PRODUCT FEATURE

- Bypass diode minimizes the power drop by shade.
- The conversion efficiency of solar cell is above 18.0%.
- 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

Electric Performance Typical Performance Characteristics

Short Circuit Current Temperature Coefficient	%/°C	0.06
Open Circuit Voltage Temperature Coefficient	%/°C	-0.34
Maximum Power Temperature Coefficient	%/°C	-0.47
Performance Warranty : 90%output , 12 years		
80%output , 25 years		

Physical Specifications

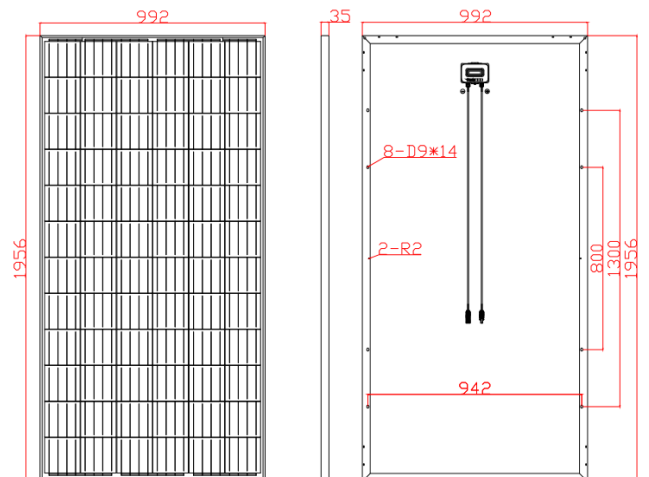
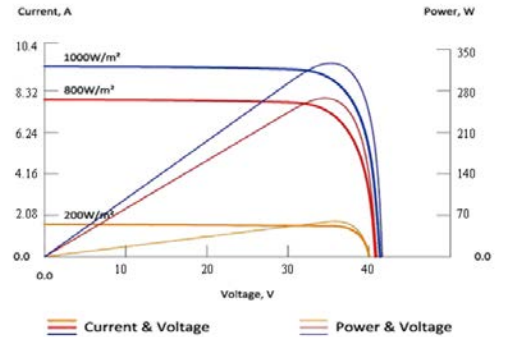
Dimension: 1956*992*35MM

Weight: 21KG/PCS

Packing : 2 pcs in one carton

Electrical Characteristics

Current-Voltage & Power-Voltage characteristics various irradiance levels



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 -8004 Fax: +86-755 3369 9194

Website: www.szsuoyang.com