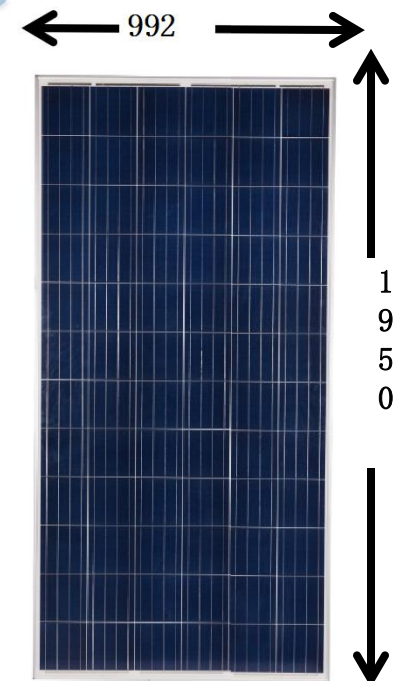


SPECIFICATION OF 36V295W,300W,305W,310w POLY SOLAR MODULE

PRODUCT SPECIFICATION

Type Of Module	JCN-P295	JCN-P300	JCN-P305	JCN-P310
Maximum Power (W)	295	300	305	310
Tolerance (%)	± 3%	± 3%	± 3%	± 3%
Open Circuit Voltage (V)	45	45	45	45
Maximum Power Voltage (V)	35.91	35.91	35.91	35.91
Maximum Power Current (A)	8.21	8.35	8.49	8.63
Short Circuit Current (A)	9	9.2	9.3	9.5
Module Efficiency (%)	15.3	15.5	15.8	16
Solar Cell Efficiency (%)	17.8	18	18.4	18.8
Series Fuse Rating (A)	10	10	10	10
Terminal Box	IP65	IP65	IP65	IP65
Maximum system voltage (V)	DC1000	DC1000	DC1000	DC1000
Operating Temperature(°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 17.8%
- 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 5 years.

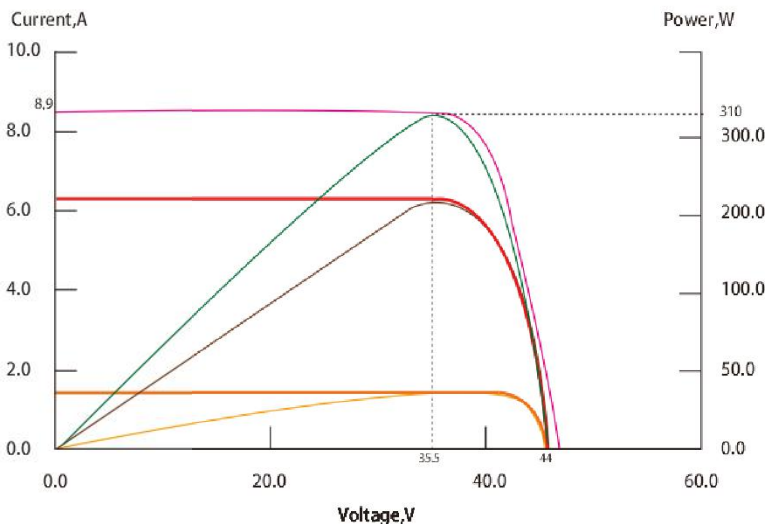
Quality Assurance

- 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

Short Circuit Current Temperature Coefficient	mA/C	+2.5
Open Circuit Voltage Temperature Coefficient	V/C	-0.147
Maximum Power Temperature Coefficient	%/C	-0.4
Performance Warranty : 90%output , 12 years 80%output, 25 years		

Physical Specifications

Dimension: 1950*992*45*35mm

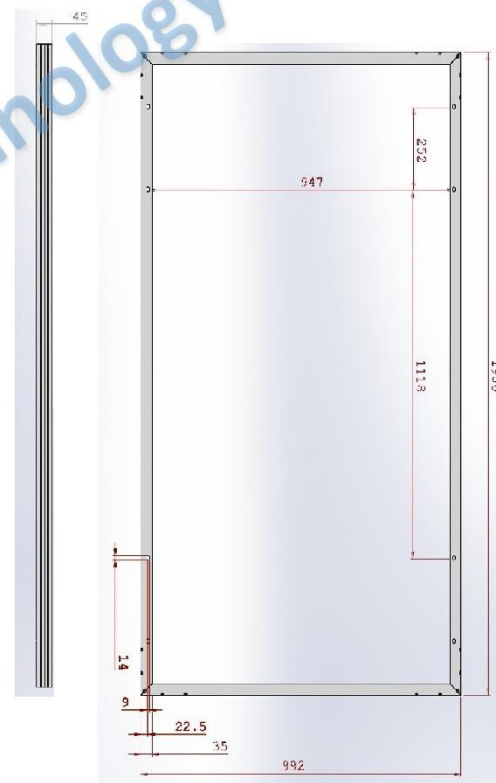
Weight: 25KG/PCS

Packing : 2pcs in one carton

Loading Capacity:

200pcs/ 20' Container

440 pcs/ 40' Container



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