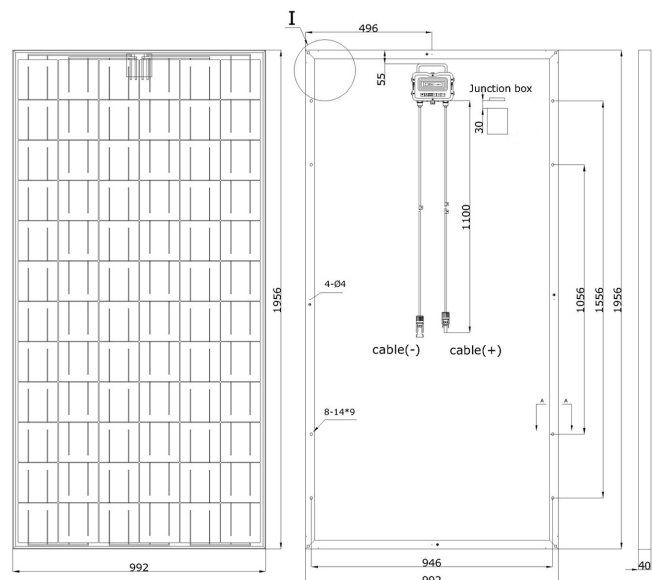


SR-300-320P SERIES

POLY CRYSTALLINE SILICON SOLAR MODULE



Specification

Model Type	SR-300P	SR-305P	SR-310P	SR-315P	SR-320P
Peak Power -P _{max} (W)	300	305	310	315	320
Open Circuit Voltage-V _{oc} (V)	44.8	44.9	45.0	45.4	45.6
Maximum Power Volatage V _{mp} (V)	36.6	36.7	37.0	37.3	37.4
Short Circuit Current-I _{sc} (A)	8.69	8.73	8.80	8.88	9.0
Maximum Power Current-I _{mp} (A)	8.20	8.33	8.38	8.45	8.56
Module Efficiency η _m (%)	15.5	15.7	16.0	16.2	16.5
Maximum System Voltage	1000V DC				
Maximum Series Fuse Rating	15A				
Power Tolerance	0 to +3%				
Temperature Coefficients of P _{max}	-0.45%/°C				
Temperature Coefficients of Voc	-0.348%/°C				
Temperature Coefficients of Isc	0.031%/°C				
Nominal Operating Cell Temperature	44.5±2 °C				
Standard Testing Condition (STC)	Irradiance: 1000W/m ²		Temperature:25°C		AM=1.5

Mechanical Characteristics

Cell Size	Poly 156x156mm
No.of Cells	72(6x12)
Dimension	1956x992x40mm
Weight	23.5kg
Glass	3.2mm High Transmission,Low Iron
Frame	Anodized Aluminum Alloy
Junction Box	IP65Rated
Internal Diodes	6 Bypass Diodes
Cable	1x4.0mm ² Length900m

Quality & Safety

- 25-year 80% power output warranty
- 12-year 90% power output warranty
- 10-year material & workmanship warranty
- Conformity CE European
- Produced in accordance with IEC 61215 & IEC 61730

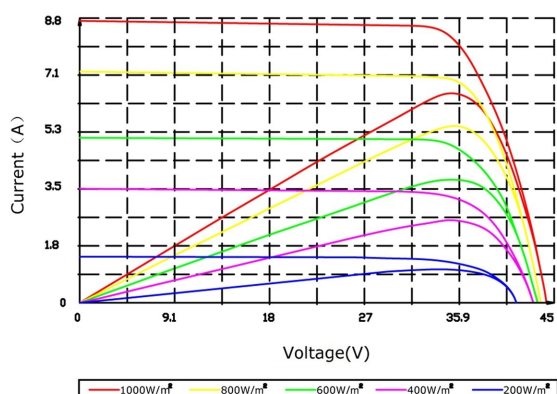
Qualification Test Parameters

Operating Temperature	-40°C to +85°C	Pressure Bearing	≥ 5400 Pascal/m ²
Storage Temperature	-40°C to +85°C	Wind Bearing	≥ 5400 Pascal/m ²

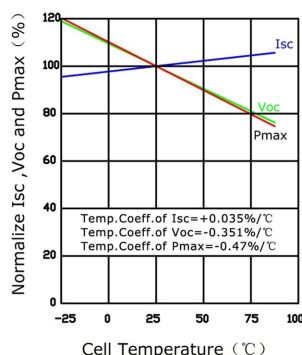
Packing Configuration

Quantity/Pallet	25pcs/pallet	Loading Capacity	250pcs/20ft, 600pcs/40ft
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Electrical Performance(Cell Temperature:25°C)



Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax (Cell Temperature:25°C)

