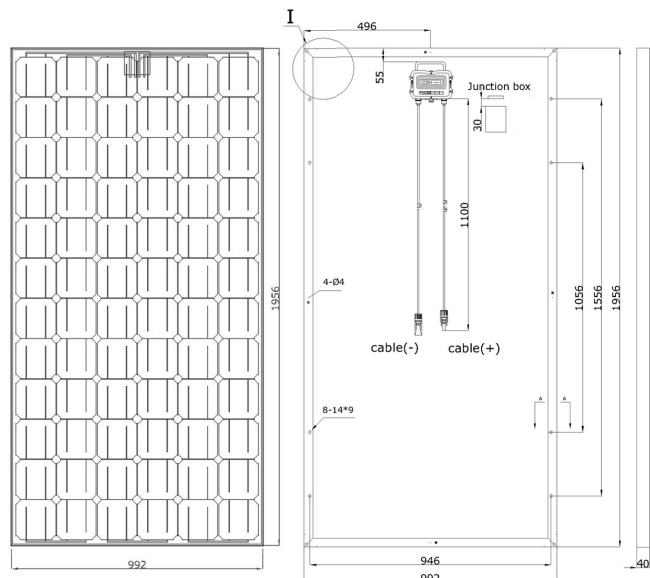


SR-310-330M SERIES

MONO CRYSTALLINE SILICON SOLAR MODULE



Specification

Model Type	SR-310M	SR-315M	SR-320M	SR-325M	SR-330M
Peak Power -P _{max} (W)	310	315	320	325	330
Open Circuit Voltage-V _{oc} (V)	45.9	46.1	46.4	46.6	46.9
Maximum Power Volatage V _{mp} (V)	37.4	37.6	37.8	38	37.4
Short Circuit Current-I _{sc} (A)	8.8	8.87	8.98	9.55	9.66
Maximum Power Current-I _{mp} (A)	8.29	8.38	8.47	8.56	8.65
Module Efficiency η _m (%)	16.0	16.3	16.5	16.7	17
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	Mono 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

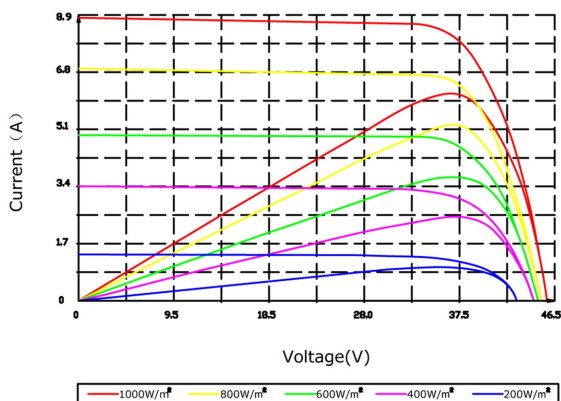
Qualification Test Parameters

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

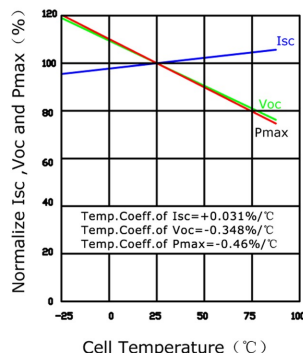
Packing Configuration

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)

