



## 350W Polycrystalline Solar Panels

### ELECTRICAL SPECIFICATIONS

\*STC : Irradiance 1000W/m<sup>2</sup>, AM1.5 spectrum, module temperature 25°C

Model Type	SS-350
Peak power (Pmax)	350
Cell Efficiency	20%
Maximum power voltage (Vmp)	38.80V
Maximum power current (Imp)	9.04A
Open circuit voltage (Voc)	46.4V
Short circuit current (Isc)	09.39A
Power Tolerance	±2%
Maximum system voltage	1500V
Series fuse rating (A)	20
Number of bypass diode	3

### THERMAL PARAMETERS

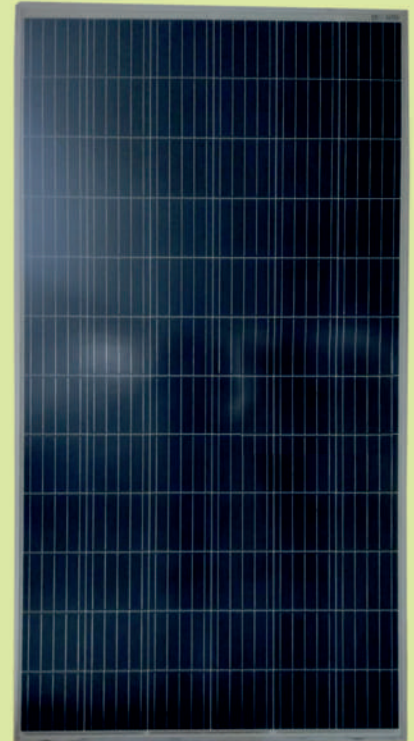
Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.50% / °C
Tc of Power	- 0.38% / °C
NOCT	45 °C ± 2 °C
Operating Range	40 °C to +85 °C

### MECHANICAL CHARACTERISTICS

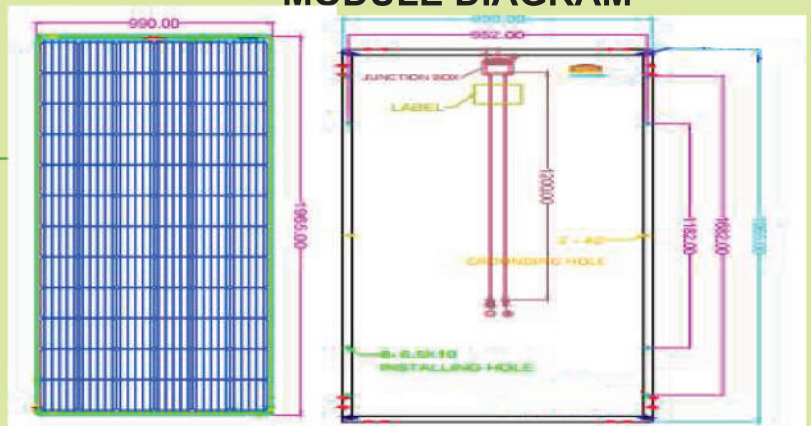
Dimensions:	1965 x 990
Weight:	21.5Kg
Solar Cells:	72 cells in series
Construction:	High transmission low iron ARC Coated tempered glass
Frame:	Anodized aluminum Frame
Mechanical Load Test :	5400PA

### OUTPUT (OPTIONAL)

Cable:	(4mm <sup>2</sup> )
Length:	1200mm
Connector:	MC Plug Tyle IV



### MODULE DIAGRAM



### ELECTRICAL PERFORMANCE

#### IV CURVES

