

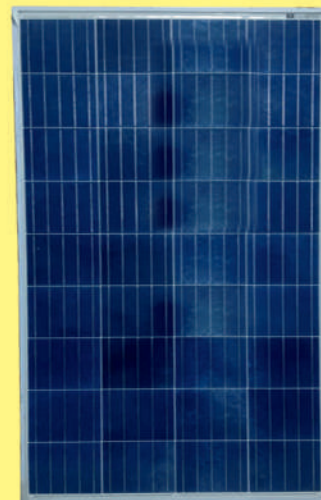


150W Polycrystalline Solar Panels

ELECTRICAL SPECIFICATIONS

*STC : Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

Model Type	SS-150
Peak power (Pmax)	150W
Cell Efficiency	19.00%
Maximum power voltage (Vmp)	18.53V
Maximum power current (Imp)	8.14A
Open circuit voltage (Voc)	22.21V
Short circuit current (Isc)	8.64A
Power Tolerance	±2%
Maximum system voltage	1500V
Series fuse rating (A)	15
Number of bypass diode	2



MODULE DIAGRAM

THERMAL PARAMETERS

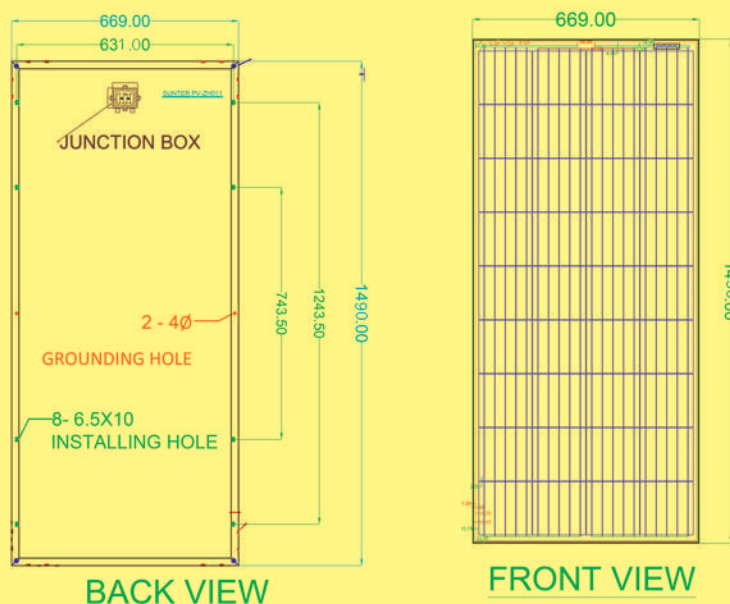
Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
NOCT	45 °C ± 2 °C
Operating Range	40 °C to +85 °C

MECHANICAL CHARACTERISTICS

Dimensions:	1490 X 669
Weight:	11kg
Solar Cells:	36 cells in series
Construction:	High transmission low iron ARC Coated tempered glass
Frame:	Anodized aluminum Frame
Mechanical Load Test :	5400PA

OUTPUT (OPTIONAL)

Cable:	(4mm ²)
Length:	1000mm
Connector:	MC Plug Tyle IV



BACK VIEW

FRONT VIEW

ELECTRICAL PERFORMANCE

IV CURVES

