

SLP230-20

High Efficiency Multicrystalline PV Module



Electrical Characteristics	SLP230-20
Product code	230012022
Maximum power (Pmax)	230W
Voltage at Pmax (Vmp)	29.6V
Current at Pmax (Imp)	7.76A
Open-circuit voltage (Voc)	36.8V
Short-circuit current (Isc)	8.38A
Voc. Temp.coef.%/°C	-0.31%/°C
Isc. Temp.coef.%/°C	+0.03%/°C
Pm. Temp.coef.%/°C	-0.38%/°C
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	45±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1000V DC
Power tolerance	± 3%

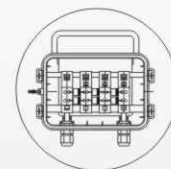
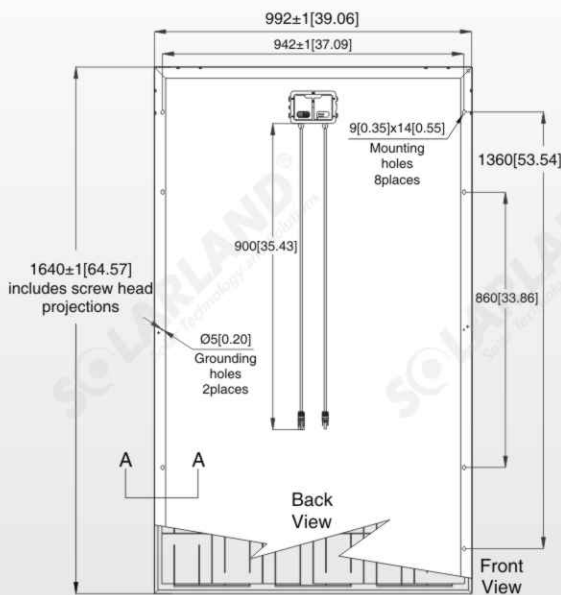
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

*NOCT: Nominal operating cell temperature (the data is only for reference)

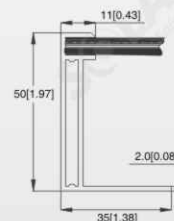


Module Diagram

Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit: mm[in.]



Junction Box
Top View(Lid Open)

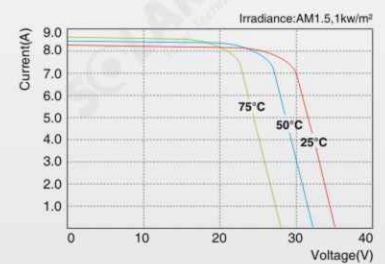


Section A-A

Features

- Nominal 20V DC for standard output.
- Outstanding low-light performance.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.
- Rugged design to withstand high wind pressure, hail and snow load.
- Aesthetic appearance.

Characteristics



SLP230-20 I-V Curves

Specifications	SLP230-20
Cells	Multicrystalline silicon solar cell
No. of cells and connections	60(6X10)
Module dimension	1640mm[64.57in.]x992mm[39.06in.]x50mm[1.97in.]
Weight	20.00kg[44.09lbs]
Packing information(Carton)	1680mm[66.14in.]x1030mm[40.55in.]x115mm[4.53in.]/(2pcs/ctn)

*Limited warranty: 5-year limited warranty of materials and workmanship; 10-year limited warranty of 90% power output; 25-year limited warranty of 80% power output. For detail, please contact us.
*Specifications are subject to change without notice at any time.