

SLP020-12

High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP020-12
Product code	020011227B
Maximum power (Pmax)	20W
Voltage at Pmax (Vmp)	17.2V
Current at Pmax (Imp)	1.16A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	1.31A
Temperature coefficient of Voc	-(80±10)mV/°C
Temperature coefficient of Isc	(0.065±0.015)%/°C
Temperature coefficient of power	-(0.5±0.05)%/°C
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	600V DC
Power tolerance	± 5%

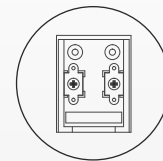
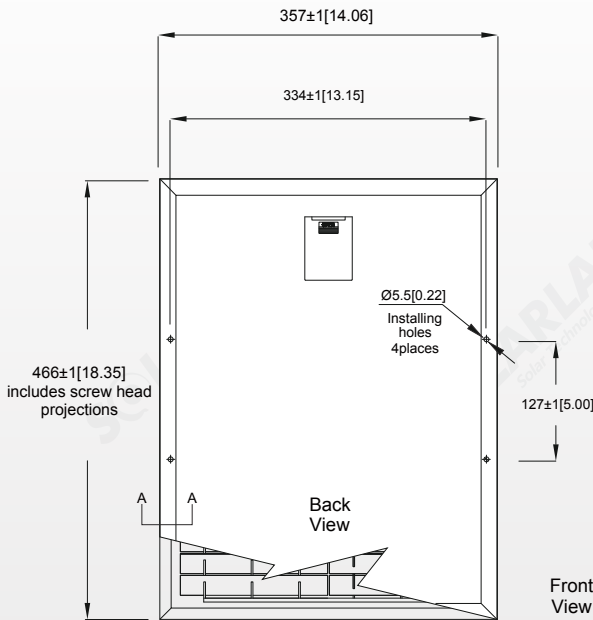
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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

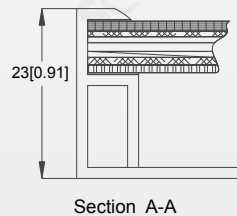


Module Diagram

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



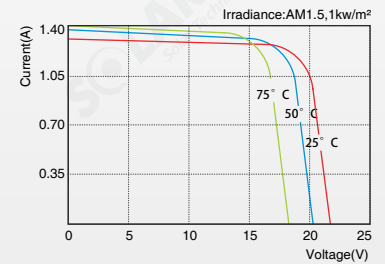
Junction Box
Top View(Lid Open)



Features

- Nominal 12V 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



SLP020-12 I-V Curves

Specifications

Specifications	SLP020-12
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(2X18)
Module dimension	466mm[18.35in.]x357mm[14.06in.]x23mm[0.91in.]
Weight	1.95kg[4.30lbs]
Packing information(Carton)	485mm[19.10in.]x340mm[13.39in.]x385mm[15.16in.]/(10pcs/ctn)