

SLP005-12

High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP005-12
Product code	005011205
Maximum power (Pmax)	5W
Voltage at Pmax (Vmp)	17.0V
Current at Pmax (Imp)	0.29A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	0.34A
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	1000V 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)

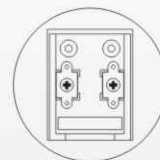
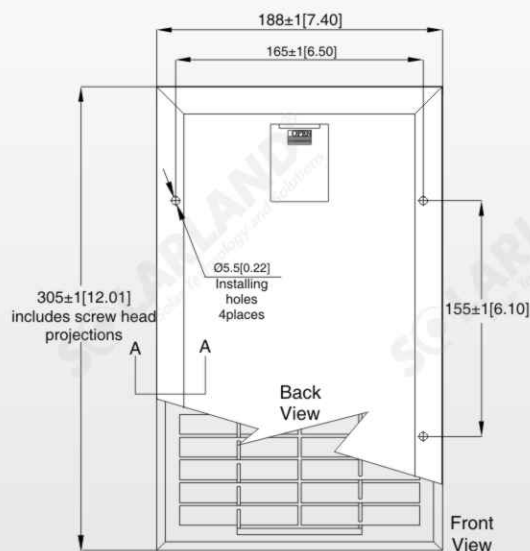


Module Diagram

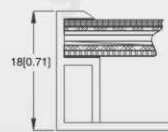
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



Junction Box
Top View(Lid Open)

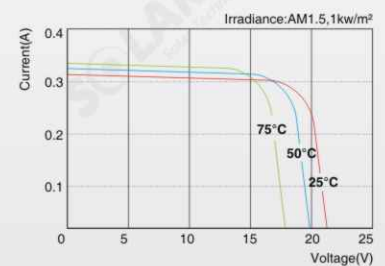


Section A-A

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



SLP005-12 I-V Curves

Specifications

SLP005-12

Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(2X18)
Module dimension	305mm[12.01in.]x188mm[7.40in.]x18mm[0.71in.]
Weight	0.75kg[1.65lbs]
Packing information(Carton)	320[12.60in.]x255mm[10.04in.]x210[8.27in.]/(10pcs/ctn)
Carton/Pallet Qty	

*Limited warranty: 2-year limited warranty of materials and workmanship; 10-year limited warranty of 90% power output. For detail, please contact us.

*Specifications are subject to change without notice at any time.