

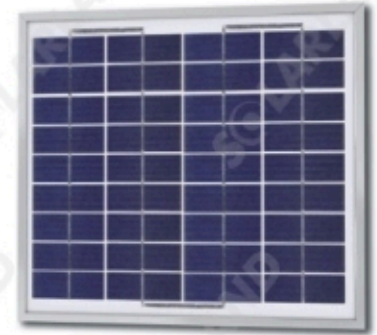
# SLP010-12

## High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP010-12
Product code	010011202
Maximum power (Pmax)	10W
Voltage at Pmax (Vmp)	17.0V
Current at Pmax (Imp)	0.58A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	0.68A
Temperature coefficient of Voc	- $(80 \pm 10)$ mV/°C
Temperature coefficient of Isc	$(0.065 \pm 0.015)$ %/°C
Temperature coefficient of power	- $(0.5 \pm 0.05)$ %/°C
NOCT (Air 20°C; Sun 0.8kW/m <sup>2</sup> wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1000V DC
Power tolerance	+10%/- 5%

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

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

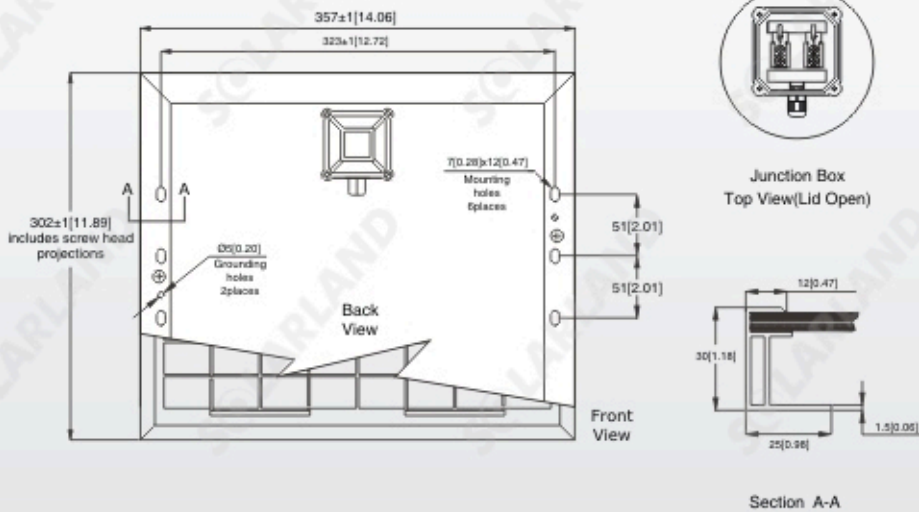


### Module Diagram

Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

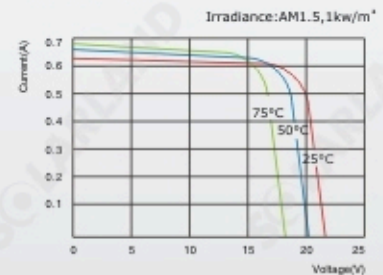
Unit: mm[in.]



### 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



SLP010-12 I-V Curves

Specifications	SLP010-12
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(4X9)
Module dimension	302mm[11.89in.]x357mm[14.06in.]x30mm[1.18in.]
Weight	1.6kg[3.53lbs]
Packing information (Inner box)	365mm[14.37in.]x310mm[12.20in.]x35mm[1.38in.]
Packing information (Carton)	400mm[15.75in.]x335mm[13.19in.]x385mm[15.16in.]/(10pcs/ctn)

\*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.