

# SLP003-12

## High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP003-12
Product code	003011201
Maximum power (Pmax)	3W
Voltage at Pmax (Vmp)	17.0V
Current at Pmax (Imp)	0.18A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	0.21A
Temperature coefficient of Voc	$-(80 \pm 10) \text{mV}/^\circ\text{C}$
Temperature coefficient of Isc	$(0.065 \pm 0.015) \%/^\circ\text{C}$
Temperature coefficient of power	$-(0.5 \pm 0.05) \%/^\circ\text{C}$
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)

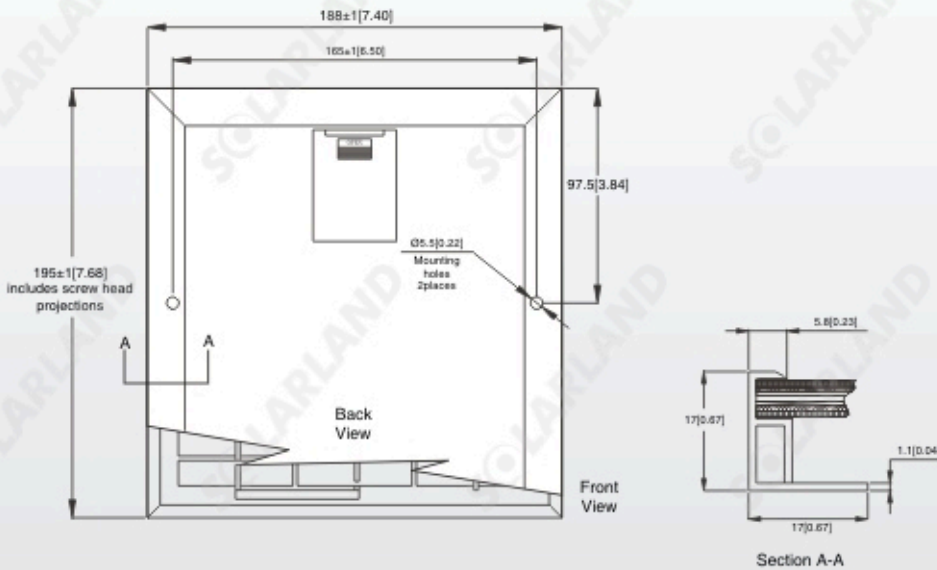


### Module Diagram

Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

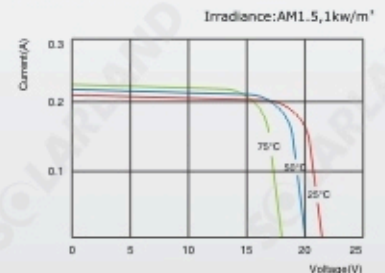
Unit: mm[in.]



### 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



SLP003-12 I-V Curves

Specifications	SLP003-12
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(3X12)
Module dimension	195mm[7.68in.]x188mm[7.40in.]x17mm[0.67in.]
Weight	0.5kg[1.10lbs]
Packing information(Inner box)	205mm[8.07in.]x200mm[7.87in.]x25mm[0.98in.]
Packing information(Carton)	310mm[12.20in.]x225mm[8.86in.]x225mm[8.86in.](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.