

# SLP005-06

## High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP005-06
Product code	005010602
Maximum power (Pmax)	5W
Voltage at Pmax (Vmp)	8.60V
Current at Pmax (Imp)	0.58A
Open-circuit voltage (Voc)	10.5V
Short-circuit current (Isc)	0.67A
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)

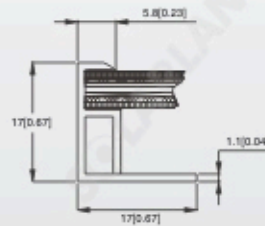
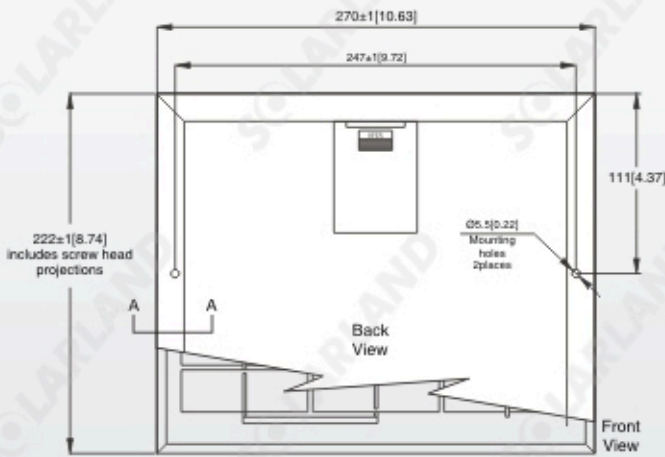


### Module Diagram

Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]

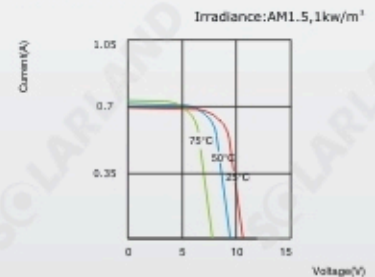


Section A-A

### Features

- Nominal 6V 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



SLP005-06 I-V Curves

Specifications	SLP005-06
Cells	Polycrystalline silicon solar cell
No. of cells and connections	18(3X6)
Module dimension	222mm[8.74in.]x270mm[10.63in.]x17mm[0.67in.]
Weight	0.75kg[1.65lbs]
Packing information(Inner box)	300mm[11.81in.]x200mm[7.87in.]x25mm[0.98in.]
Packing information(Carton)	320mm[12.60in.]x310mm[12.20in.]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.