

# SLP170-24

## High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP170-24
Product code	170012401
Maximum power (Pmax)	170W
Voltage at Pmax (Vmp)	34.8V
Current at Pmax (Imp)	4.88A
Open-circuit voltage (Voc)	43.4V
Short-circuit current (Isc)	5.36A
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)

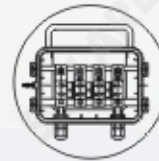
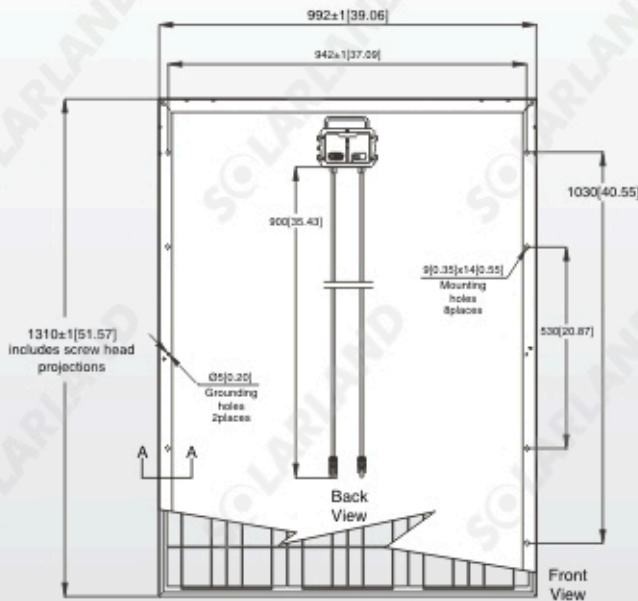


### Module Diagram

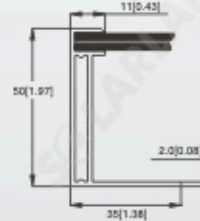
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



Junction Box  
Top View (Lid Open)

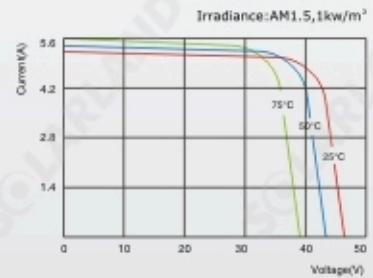


Section A-A

### Features

- Nominal 24V 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



SLP170-24 I-V Curves

### Specifications

### SLP170-24

Cells	Polycrystalline silicon solar cell
No. of cells and connections	72(6X12)
Module dimension	1310mm[51.57in.]x992mm[39.06in.]x50mm[1.97in.]
Weight	16.0kg[35.27lbs]
Packing information(Carton)	1355mm[53.35in.]x1035mm[40.75in.]x85mm[3.35in.]/(1pc/ctn)

\*Limited warranty: 5-year limited warranty of materials and workmanship; 10-year limited warranty of 90% power output; 25-year limited warranty of 80% power output. For detail, please contact us.

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