

# SLP030-12U

## High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP030-12U
Product code	030011201
Maximum power (Pmax)	30W
Voltage at Pmax (Vmp)	17.2V
Current at Pmax (Imp)	1.74A
Open-circuit voltage (Voc)	21.6V
Short-circuit current (Isc)	1.93A
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 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, AM1.5 spectrum, module temperature 25°C

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

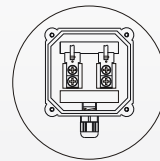
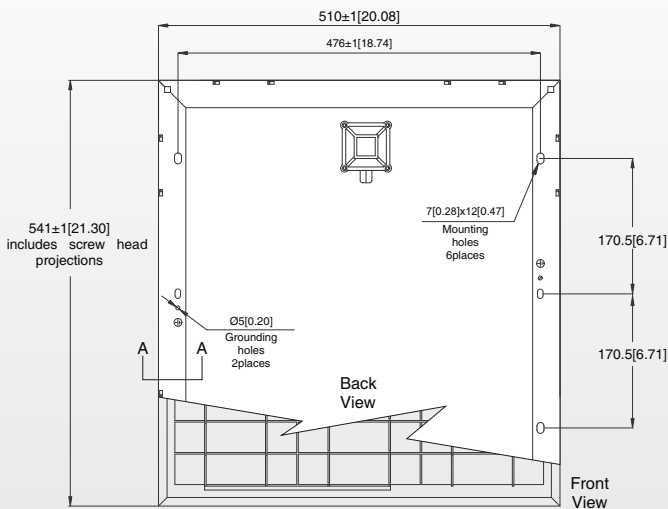


### Module Diagram

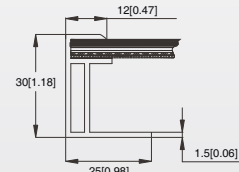
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



Junction Box Top View (Lid Open)

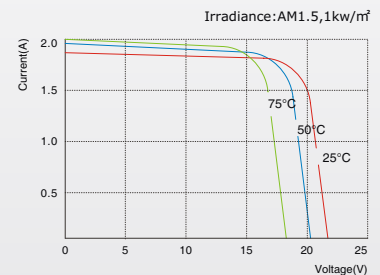


Section A-A

### 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



SLP030-12U I-V Curves

Specifications	SLP030-12U
Cells	Multicrystalline silicon solar cell
No. of cells and connections	36(3X12)
Module dimension	541mm[21.30in.]x510mm[20.08in.]x30mm[1.18in.]
Weight	3.75kg[8.27lbs]
Packing information(Carton)	585mm[23.03in.]x555mm[21.85in.]x95mm[3.74in.]/(2pcs/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 \*Specifications are subject to change without notice at any time.