

SLP015-12

High Efficiency Multicrystalline PV Module

| Electrical Characteristics | SLP015-12 |
|---|--|
| Product code | 015011202 |
| Maximum power (Pmax) | 15W |
| Voltage at Pmax (Vmp) | 17.2V |
| Current at Pmax (Imp) | 0.87A |
| Open-circuit voltage (Voc) | 21.6V |
| Short-circuit current (Isc) | 0.96A |
| 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 ² 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/m², AM1.5 spectrum, module temperature 25°C

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

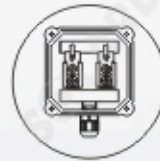
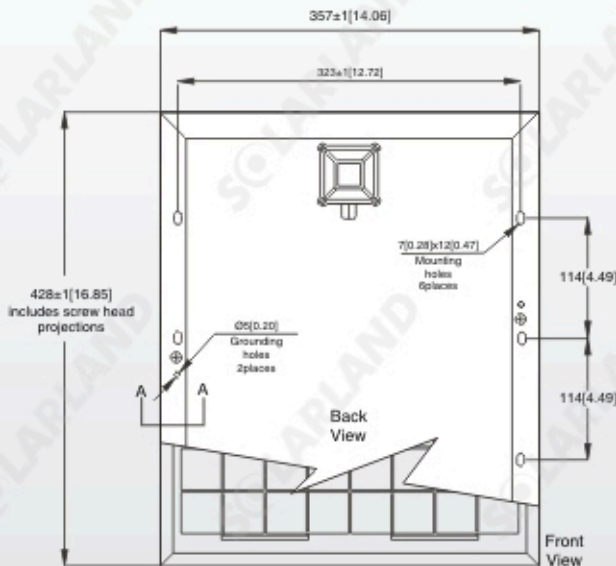


Module Diagram

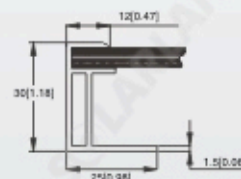
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



Junction Box
Top View(Lid Open)

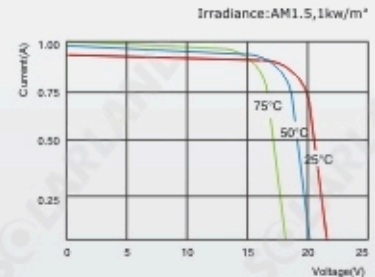


Section A-A

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



SLP015-12 I-V Curves

| Specifications | SLP015-12 |
|--------------------------------|--|
| Cells | Polycrystalline silicon solar cell |
| No. of cells and connections | 36(4X9) |
| Module dimension | 428mm[16.85in.]x357mm[14.06in.]x30mm[1.18in.] |
| Weight | 2.2kg[4.85lbs] |
| Packing information(Inner box) | 435mm[17.13in.]x365mm[14.37in.]x35mm[1.38in.] |
| Packing information(Carton) | 455mm[17.91in.]x215mm[8.46in.]x390mm[15.35in.](5pcs/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.