

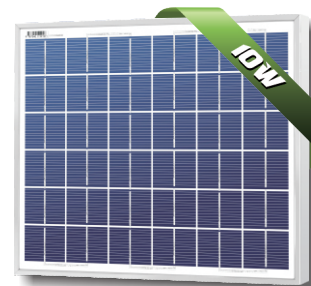
SLP010-12U

High Efficiency Multicrystalline PV Module

| Electrical Characteristics | SLP010-12U |
|---|-------------------|
| Product code | 010011201B |
| Maximum power (Pmax) | 10W |
| Voltage at Pmax (Vmp) | 17.0V |
| Current at Pmax (Imp) | 0.58A |
| Open-circuit voltage (Voc) | 21.6V |
| Short-circuit current (Isc) | 0.68A |
| Temperature coefficient of Voc | -(80±10)mV/°C |
| Temperature coefficient of Isc | (0.065±0.015)%/°C |
| Temperature coefficient of power | -(0.5±0.05)%/°C |
| NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s) | 47±2°C |
| Operating temperature | -40°C to 85°C |
| Maximum system voltage | 1000V DC |
| Power tolerance | ± 5% |

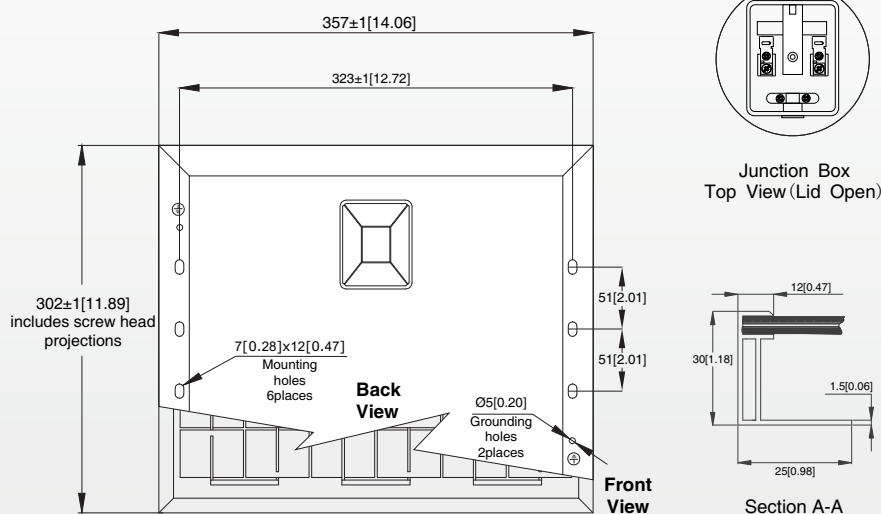
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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



Module Diagram

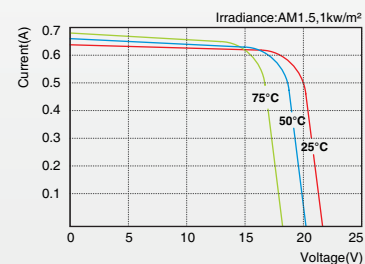
Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit: mm[in.]



Features

- Nominal 12V DC for standard output.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.
- Rugged design to withstand high wind pressure, hail and snow load.
- Aesthetic appearance.

Characteristics



SLP010-12U I-V Curves

| Specifications | SLP010-12U |
|------------------------------|---|
| Cells | Polycrystalline silicon solar cell |
| No. of cells and connections | 36(6X6) |
| Module dimension | 302mm[11.89in.].x357mm[14.06in.].x30mm[1.18in.] |
| Weight | 2.1kg[4.63lbs] |
| Packing information(Carton) | 400mm[15.75in.].x335mm[13.19in.].x385mm[15.16in.]/(10pcs/ctn) |

*Limited warranty: 2-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.