

SLP250-24

High Efficiency Multicrystalline PV Module

| Electrical Characteristics | SLP250-24 |
|---|-------------------|
| Product code | |
| Maximum power (Pmax) | 250W |
| Voltage at Pmax (Vmp) | 34.4V |
| Current at Pmax (Imp) | 7.27A |
| Open-circuit voltage (Voc) | 43.2V |
| Short-circuit current (Isc) | 8.0A |
| 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 | ± 3% |

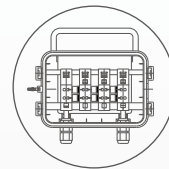
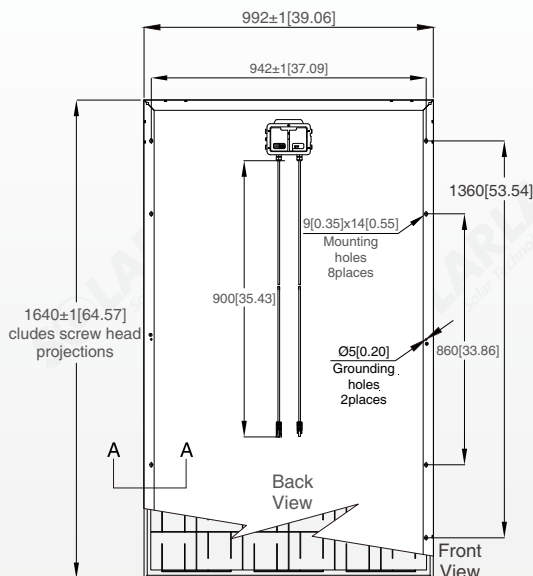
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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

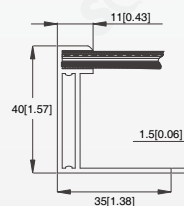


Module Diagram

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



Junction Box
Top View(Lid Open)

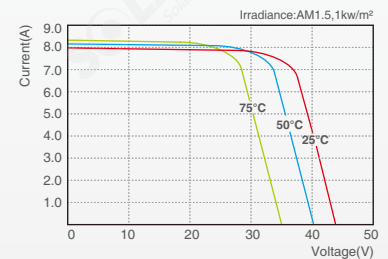


Section A-A

Features

- Nominal 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



SLP250-24 I-V Curves

Specifications

SLP250-24

| | |
|------------------------------|--|
| Cells | Multicrystalline silicon solar cell |
| No. of cells and connections | 72(6X12) |
| Module dimension | 1640mm[64.57in.]x992mm[39.06in.]x40mm[1.57in.] |
| Weight | 20.50kg[45.19lbs] |
| Packing information(Carton) | 1680mm[66.14in.]x1030mm[40.55in.]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 contact us.

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