

# SLP150S-12 | Made with high efficiency Q cell solar cells

## High Efficiency Monocrystalline PV Module

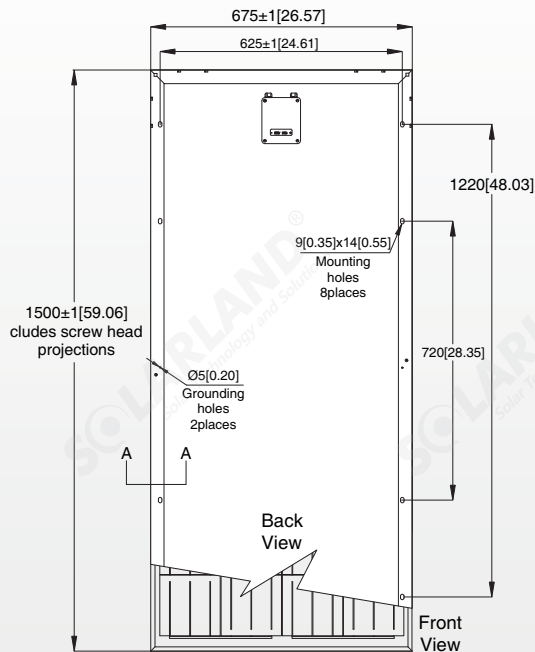


| Electrical Characteristics              | SLP150S-12         |
|---|--------------------|
| Product code                            | 150021209          |
| Maximum power (Pmax)                    | 150W               |
| Voltage at Pmax (Vmp)                   | 18V                |
| Current at Pmax (Imp)                   | 8.34A              |
| Open-circuit voltage (Voc)              | 21.6V              |
| Short-circuit current (Isc)             | 9.17A              |
| 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%               |

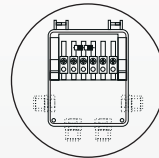
\*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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

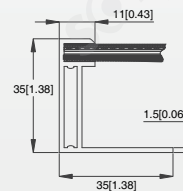
### Module Diagram



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



Junction Box  
Top View(Lid Open)

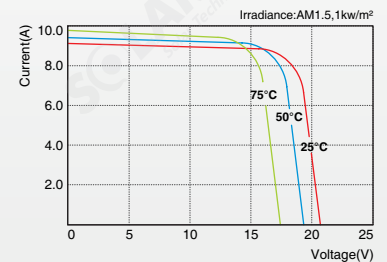


Section A-A

### 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



SLP150S-12 I-V Curves

| Specifications               | SLP150S-12   |
|------------------------------|--|
| Cells                        | Monocrystalline silicon solar cell                       |
| No. of cells and connections | 36(4X9)  |
| Module dimension             | 1500mm[59.06in.]x675mm[26.57in.]x35mm[1.38in.]           |
| Weight                       | 12.0kg[26.46lbs]   |
| Packing information(Carton)  | 1545mm[60.83in.]x720mm[28.35in.]x80mm[3.15in.]/(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.