

# SLP150S-12U

## High Efficiency Monocrystalline PV Module

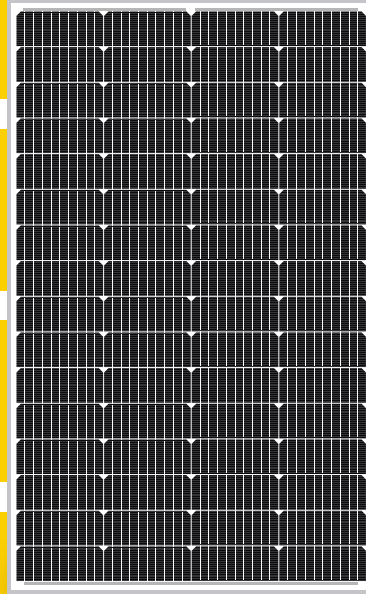
- Nominal 12V DC for standard output.
- Outstanding low-light performance.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.
- Designed to withstand high wind pressures, hail and heavy snow.
- Quality aesthetic appearance.

**64 CELL**  
MONOCRYSTALLINE MODULE

**150W**  
POWER OUTPUT

**20.00%**  
MODULE EFFICIENCY

**5%**  
POSITIVE TOLERANCE



**High Efficiency**

Module Efficiency improved through advanced cell technology and manufacturing capabilities



**High PID Resistance**

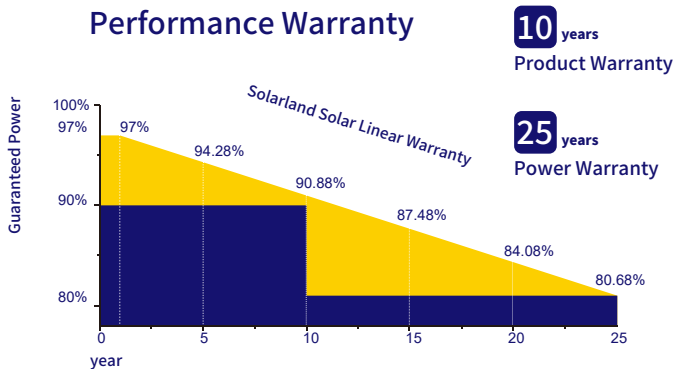
Advanced cell technology and qualified materials lead to high resistance to PID



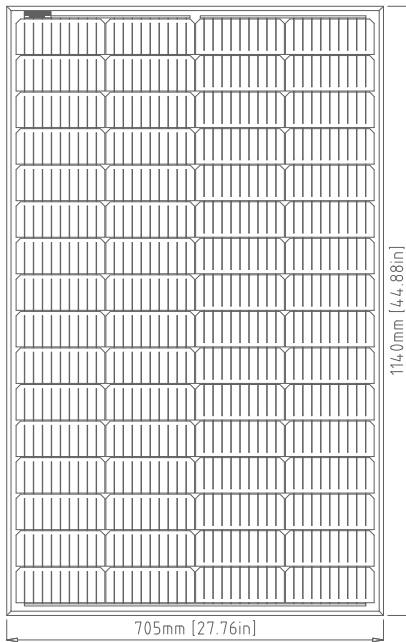
**Withstands Harsh Environment**

High PID resistance  
5400 Pa positive load  
2400 Pa negative load  
Salt mist (IEC 61701)

### Performance Warranty



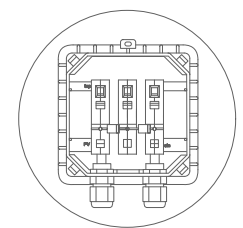
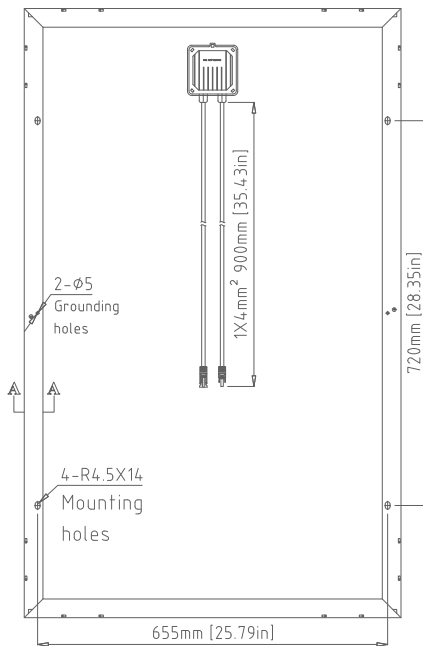
Positive mechanical load >5400Pa  
Positive Power Tolerance 0~+5W  
Warranty Information 2 Year Product Warranty and Workmanship



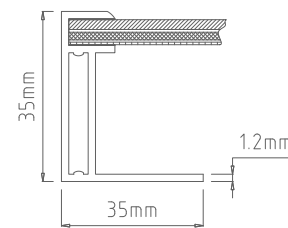
Electrical Characteristics	SLP150S-12U
Product code	150031201A
Maximum power (Pmax)	150W
Voltage at Pmax (Vmp)	18.53V
Current at Pmax (Imp)	8.10A
Open-circuit voltage (Voc)	21.37V
Short-circuit current (Isc)	8.54A
Temperature coefficient of Voc	-(80±10)mV/°C
Temperature coefficient of Isc	(0.065±0.015)%/°C
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)

Specifications	SLP150S-12U
Cells	Monocrystalline silicon solar cell
No. of cells and connections	64(4X16)
Module dimension	1140mm[44.88in.]x705mm[27.76in.]x35mm[1.38in.]
Weight	8.98kg[19.80lbs]
Packing information(Carton)	1190mm[46.85in.]x755mm[29.72in.]x85mm[3.35in.]/(1pc/ctn)

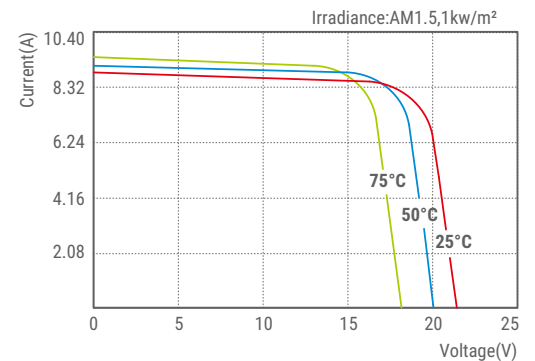


Junction Box  
Top View (Lid Open)



Section A-A

Characteristics



SLP150S-12U I-V Curves

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