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Solar Panel Guide
Specification Data Sheet

Solarland USA Corporation
SLP012-12C
SLP012-12C

SLP012-12C

High Efficiency Multicrystalline PV Module

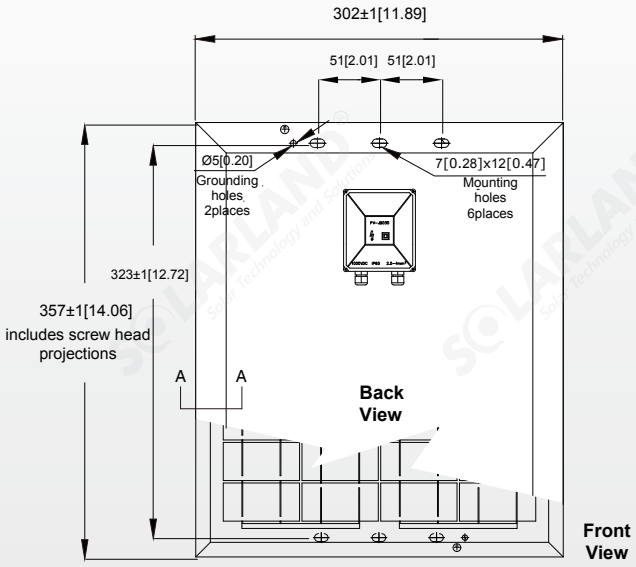
Certified and Listed to
UL1703 and CUL1703 Standards

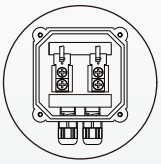
Electrical Characteristics	SLP012-12C
Produc code	012011262
Maximum power (Pmax)	12W
Voltage at Pmax (Vmp)	18.64V
Current at Pmax (Imp)	0.64A
Open-circuit voltage (Voc)	22.18V
Short-circuit current (Isc)	0.68A
Temperature coefficient of Voc	-(80±10)mV/°C
Temperature coefficient of Isc	(0.065±0.015)%/ °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	30V 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)

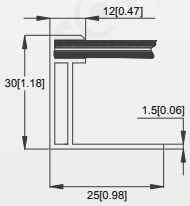
Module Diagram

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





Junction Box
Top View(Lid Open)

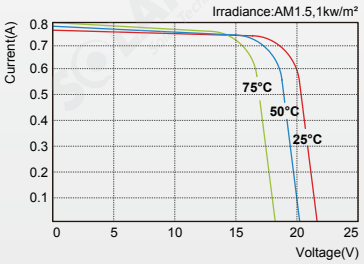


Section A-A

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



SLP012-12 I-V Curves

Specifications	SLP012-12
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(6X6)
Module dimension	357mm[14.06in.]x302mm[11.89in.]x30mm[1.18in.]
Weight	1.6kg[3.53lbs]
Packing information(Carton)	400mm[15.75in.]x335mm[13.19in.]x385mm[15.16in.]/(10pcs/ctn)

*Limited warranty: 1-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.