

SLP075-12C1D2

High Efficiency Multicrystalline PV Module

CSA® Certified to UL1703 and cUL1703
US Certified for Hazardous Environments
C1D2 - Class 1, Division 2

Electrical Characteristics	SLP075-12C1D2
Product code	075011264
Maximum power (Pmax)	75W
Voltage at Pmax (Vmp)	18.64V
Current at Pmax (Imp)	4.02A
Open-circuit voltage (Voc)	22.18V
Short-circuit current (Isc)	4.27A
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	600V DC
Power tolerance	± 5%

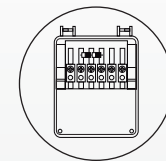
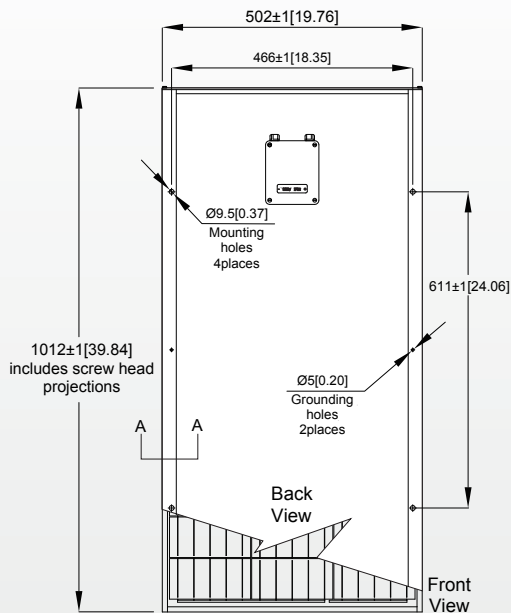
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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

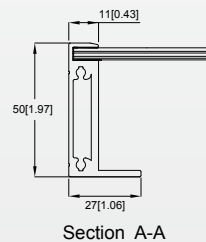


Module Diagram

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



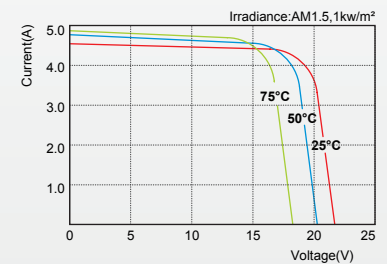
Junction Box
Top View(Lid Open)



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



SLP075-12C1D2 I-V Curves

Specifications	SLP075-12C1D2
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(3X12)
Module dimension	1012mm[39.84in.]x502mm[19.76in.]x50mm[1.97in.]
Weight	6.7kg[14.77lbs]
Packing information(Carton)	1057mm[41.61in.]x545mm[21.46in.]x135mm[5.31in.]/(2pcs/carton)

*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.