

# SLP075-12 (CLASS 1 DIVISION 2)

High Efficiency Multicrystalline PV Module



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

Electrical Characteristics	SLP075-12
Product code	075011232A
Maximum power (Pmax)	75W
Voltage at Pmax (Vmp)	18.4V
Current at Pmax (Imp)	4.08A
Open-circuit voltage (Voc)	22.1V
Short-circuit current (Isc)	4.51A
Temperature coefficient of Voc	$-(80 \pm 10) \text{mV}/^\circ\text{C}$
Temperature coefficient of Isc	$(0.065 \pm 0.015)\% / ^\circ\text{C}$
Temperature coefficient of power	$-(0.5 \pm 0.05)\% / ^\circ\text{C}$
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	$47 \pm 2^\circ\text{C}$
Operating temperature	$-40^\circ\text{C}$ to $85^\circ\text{C}$
Maximum system voltage	600V DC
Power tolerance	$\pm 5\%$

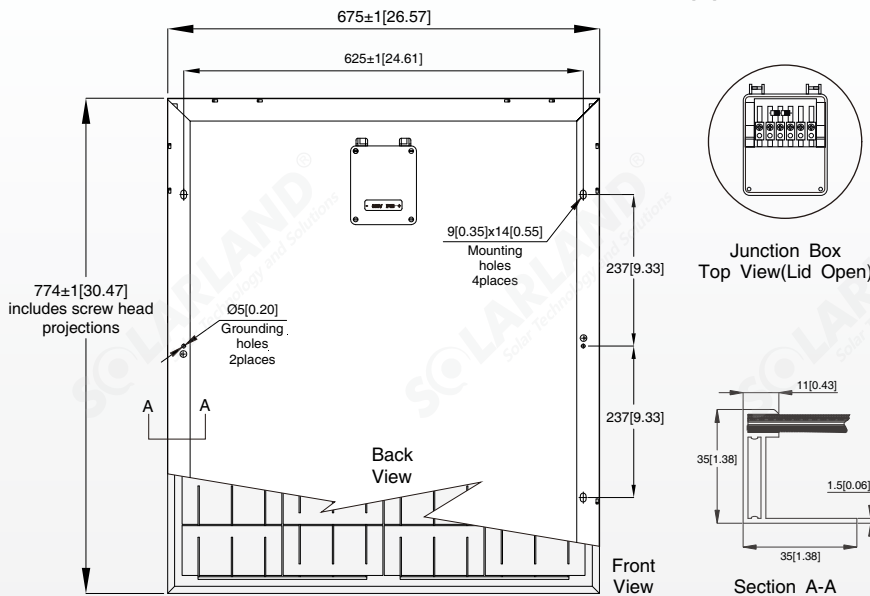
\*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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



## Module Diagram

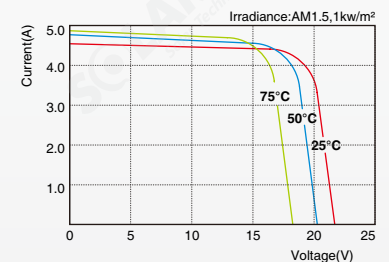
Dimensions in brackets are in inches.  
 Un-bracketed dimensions are in millimeters.  
 Unit: mm[in.]



## 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



SLP075-12 I-V Curves

## Specifications

Specifications	SLP075-12
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(4X9)
Module dimension	774mm[30.47in.]x675mm[26.57in.]x35mm[1.38in.]
Weight	6.7kg[14.77lbs]
Packing information(Carton)	820mm[32.28in.]x720mm[28.35in.]x105mm[4.13in.]/(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.