

# SLP080S-12M

## High Efficiency Monocrystalline PV Module

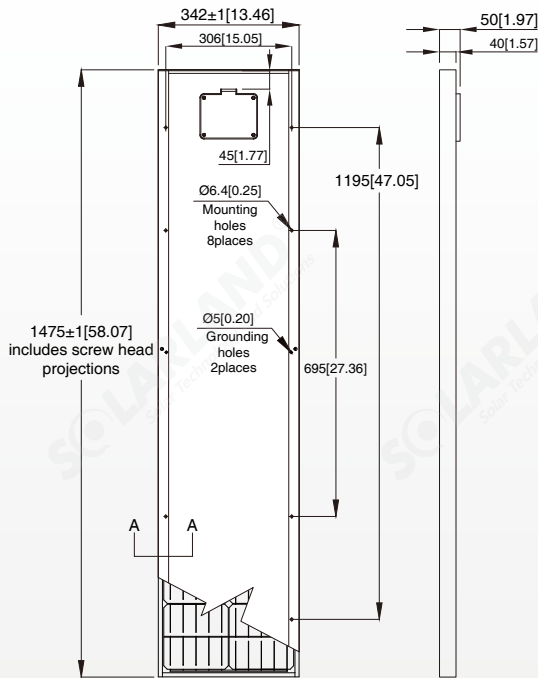
Electrical Characteristics	SLP080S-12M
Product code	080021218
Maximum power (Pmax)	70W
Voltage at Pmax (Vmp)	18.46V
Current at Pmax (Imp)	4.33A
Open-circuit voltage (Voc)	22.52V
Short-circuit current (Isc)	4.56A
Temperature coefficient of Voc	-(80±10)mV/°C
Temperature coefficient of Isc	(0.065±0.015)%/°C
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

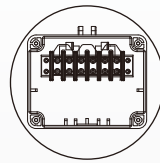
\*NOCT:Nominal operating cell temperature (the data is only for reference)



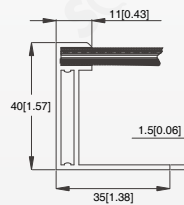
### Module Diagram



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



Junction Box  
Top View(Lid Open)

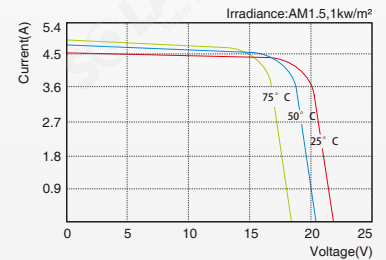


Section A-A

### 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



SLP080S-12M I-V Curves

Specifications	SLP080S-12M
Cells	Monocrystalline silicon solar cell
No. of cells and connections	36(2X18)
Module dimension	1475mm[58.07in.],x342mm[13.46in.],x40mm[1.57in.]
Weight	7.00kg[15.43lbs]
Packing information(Carton)	1520mm[59.84in.],x390mm[15.35in.],x115mm[4.53in.]/(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.