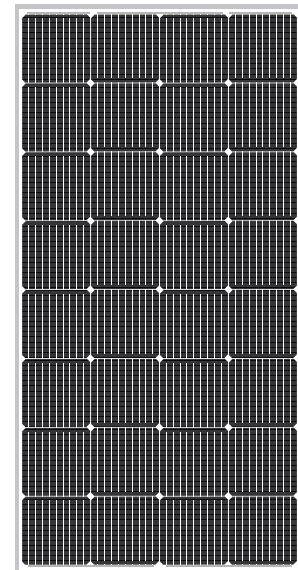


# SLP180S-12U

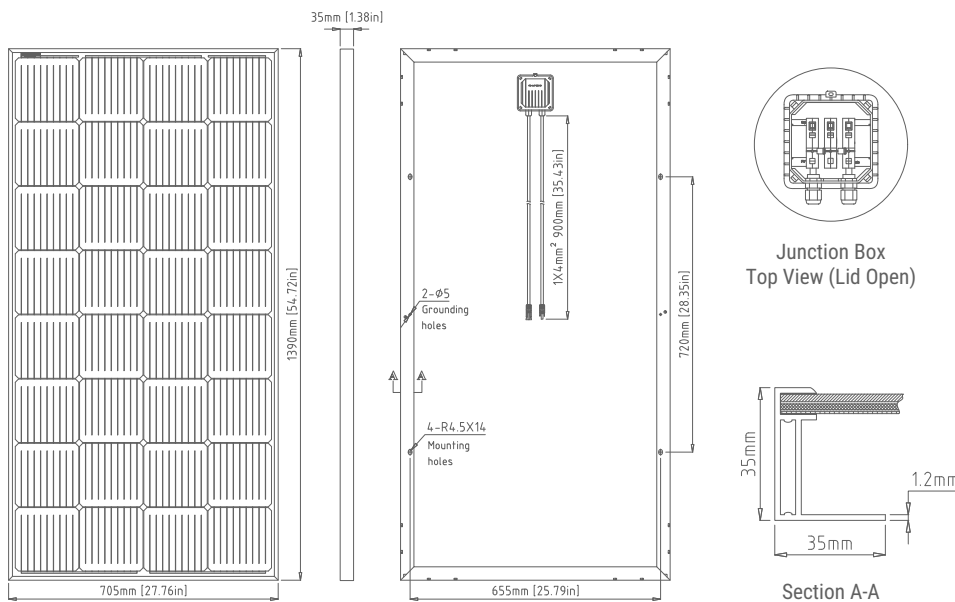
## High Efficiency Monocrystalline PV Module

Electrical Characteristics	SLP180S-12U
Product code	180031201A
Maximum power (Pmax)	180W
Voltage at Pmax (Vmp)	17.99V
Current at Pmax (Imp)	10.28A
Open-circuit voltage (Voc)	20.91V
Short-circuit current (Isc)	10.83A
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/m <sup>2</sup> wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	600V DC
Power tolerance	± 5%

\*STC: Irradiance 1000W/m<sup>2</sup>, AM1.5 spectrum, module temperature 25°C  
 \*NOCT: Nominal operating cell temperature (the data is only for reference)



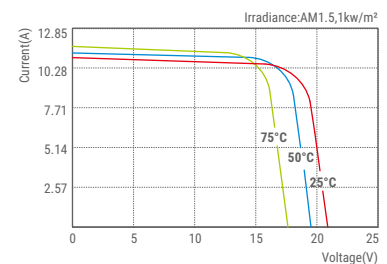
Dimensions in brackets are in inches.  
 Un-bracketed dimensions are in millimeters.  
 Unit: mm[in.]



### 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



Specifications	SLP180S-12U
Cells	Monocrystalline silicon solar cell
No. of cells and connections	32(4X8)
Module dimension	1390mm[54.72in.]x705mm[27.76in.]x35mm[1.38in.]
Weight	10.84kg[23.90lbs]
Packing information(Carton)	1440mm[56.69in.]x755mm[29.72in.]x85mm[3.35in.]/(1pc/ctn)