

# SLP180S/190S-24

High Efficiency Monocrystalline PV Module

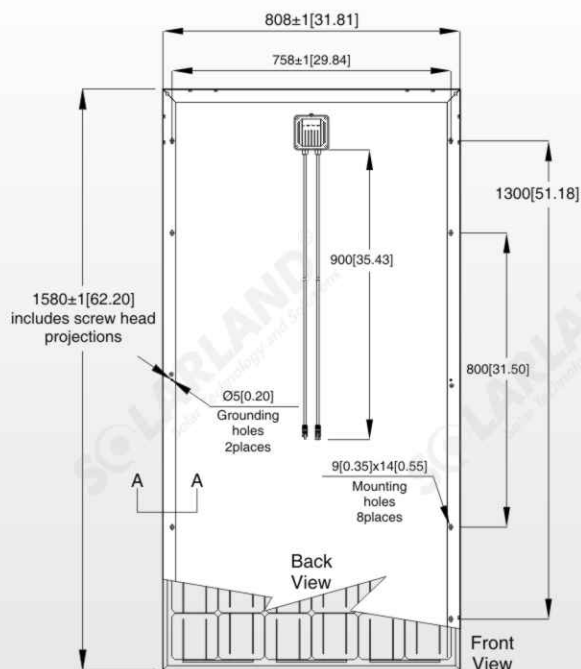
Electrical Characteristics	SLP180S-24	SLP190S-24
Product code	180022401	190022401
Maximum power (Pmax)	180W	190W
Voltage at Pmax (Vmp)	34.4V	34.4V
Current at Pmax (Imp)	5.23A	5.52A
Open-circuit voltage (Voc)	43.2V	43.2V
Short-circuit current (Isc)	5.81A	6.14A
Temperature coefficient of Voc	-(80±10)mV/°C	
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

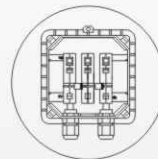
\*NOCT: Nominal operating cell temperature (the data is only for reference)



## Module Diagram



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



Junction Box  
Top View (Lid Open)

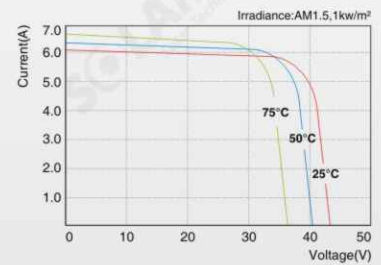


Section A-A

## Features

- Nominal 24V 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



SLP190S-24 I-V Curves

Specifications	SLP180S/190S-24
Cells	Monocrystalline silicon solar cell
No. of cells and connections	72(6X12)
Module dimension	1580mm[62.20in.]x808mm[31.81in.]x40mm[1.57in.]
Weight	16.5kg[36.38lbs]
Packing information(Carton)	1620mm[63.78in.]x850mm[33.46in.]x95mm[3.74in.]/(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.