

# SLP190-24U

## High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP190-24U
Product code	190012405
Maximum power (Pmax)	190W
Voltage at Pmax (Vmp)	37.37V
Current at Pmax (Imp)	5.08A
Open-circuit voltage (Voc)	44.47V
Short-circuit current (Isc)	5.39A
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%

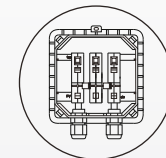
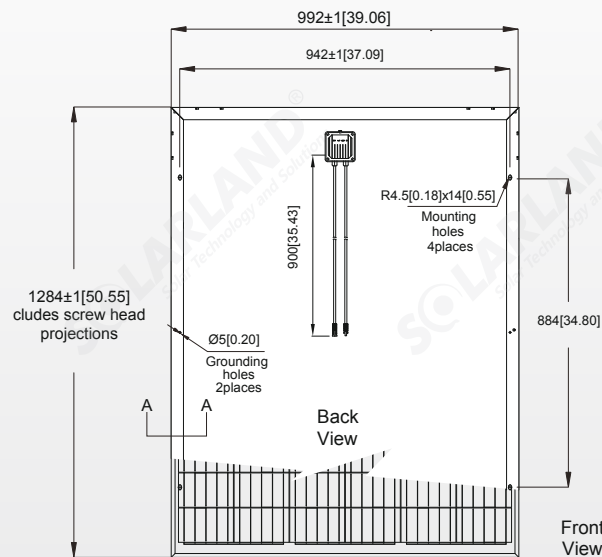
\*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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

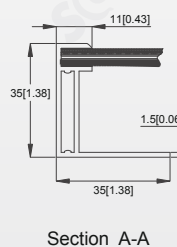


### Module Diagram

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



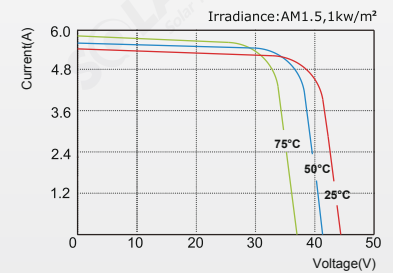
Junction Box  
Top View (Lid Open)



### Features

- Nominal 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



SLP190-24U I-V Curves

Specifications	SLP190-24U
Cells	Polycrystalline silicon solar cell
No. of cells and connections	36(4X9)
Module dimension	1284mm[50.55in.]x992mm[39.06in.]x35mm[1.38in.]
Weight	12.1kg[26.68lbs]
Packing information(Carton)	1324mm[52.13in.]x1032mm[40.63in.]x70mm[2.76in.]/(1pc/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.