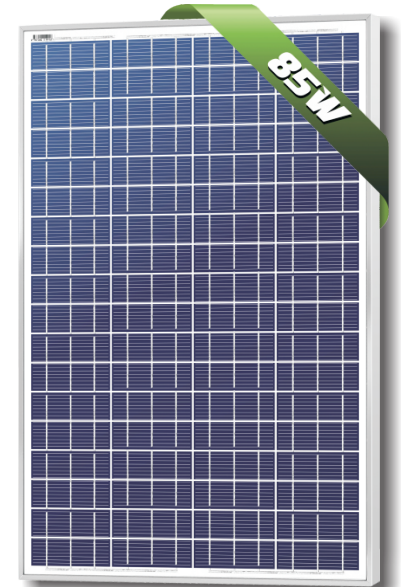


SLP085-24U

High Efficiency Multicrystalline PV Module

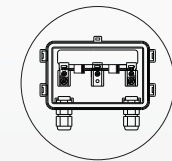
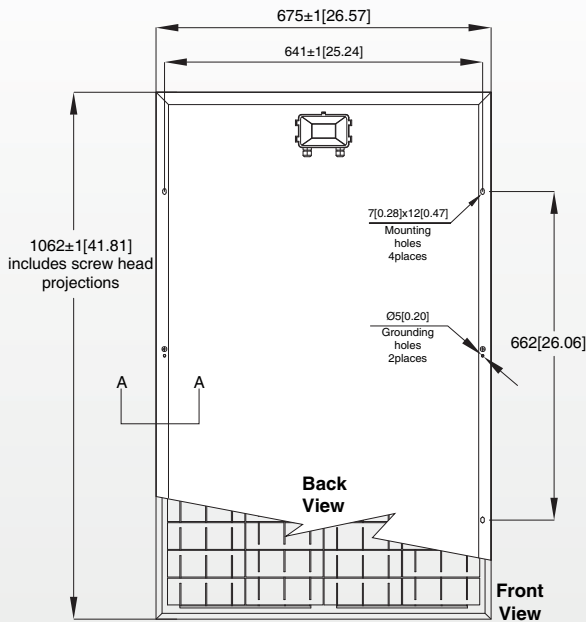


Electrical Characteristics	SLP085-24U
Product code	085012404A
Maximum power (Pmax)	85W
Voltage at Pmax (Vmp)	34.4V
Current at Pmax (Imp)	2.74A
Open-circuit voltage (Voc)	43.2V
Short-circuit current (Isc)	2.75A
Temperature coefficient of Voc	-(80±10)mV/°C
Temperature coefficient of Isc	(0.065±0.015)%/°C
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%

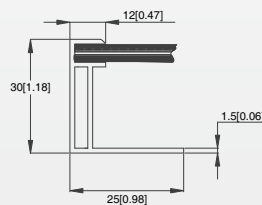
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C
 *NOCT: Nominal operating cell temperature (the data is only for reference)

Module Diagram

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



Junction Box
 Top View (Lid Open)

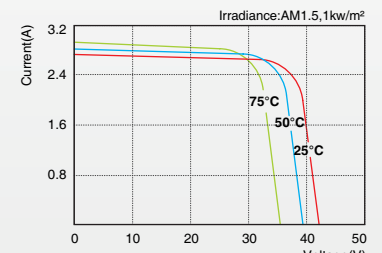


Section A-A

Features

- Nominal 24V DC for standard output.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.
- Rugged design to withstand high wind pressure, hail and snow load.
- Aesthetic appearance.

Characteristics



SLP085-24U I-V Curves

Specifications

SLP085-24U

Cells	Polycrystalline silicon solar cell
No. of cells and connections	72(4X18)
Module dimension	1062mm[43.50in.].x675mm[26.57in.].x30mm[1.18in.]
Weight	8.90kg[19.62lbs]
Packing information(Carton)	1105mm[28.15in.].x720mm[28.35in.].x95mm[3.74in.]/(2pcs/ctn)

*Limited warranty: 2-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.