

SLP270-24C1D2

High Efficiency Multicrystalline PV Module



Certified to UL1703 and cUL1703
Certified for Hazardous Environments
C1D2 - Class 1, Division 2

Electrical Characteristics	SLP270-24C1D2
Product code	270012463
Maximum power (Pmax)	270W
Voltage at Pmax (Vmp)	37.70V
Current at Pmax (Imp)	7.16A
Open-circuit voltage (Voc)	44.86V
Short-circuit current (Isc)	7.60A
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%

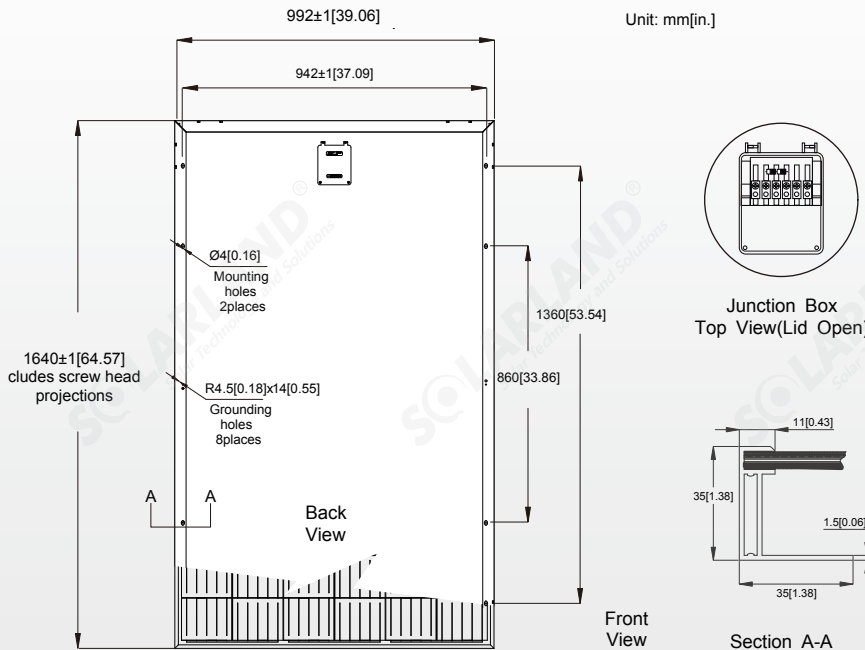
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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



Module Diagram

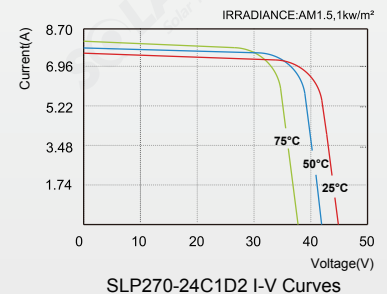
Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit: mm[in.]



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



Specifications

Specifications	SLP270-24C1D2
Cells	Polycrystalline silicon solar cell
No. of cells and connections	72(6X12)
Module dimension	1640mm[64.57in.]x992mm[39.06in.]x35mm[1.38in.]
Weight	17.38kg[38.32lbs]
Packing information(Carton)	1685mm[66.34in.]x1037mm[40.83in.]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.