

SLP055-24U-MC

High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP055-24
Product code	055012404B
Maximum power (Pmax)	55W
Voltage at Pmax (Vmp)	36.06V
Current at Pmax (Imp)	1.53A
Open-circuit voltage (Voc)	43.7V
Short-circuit current (Isc)	1.62A
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%

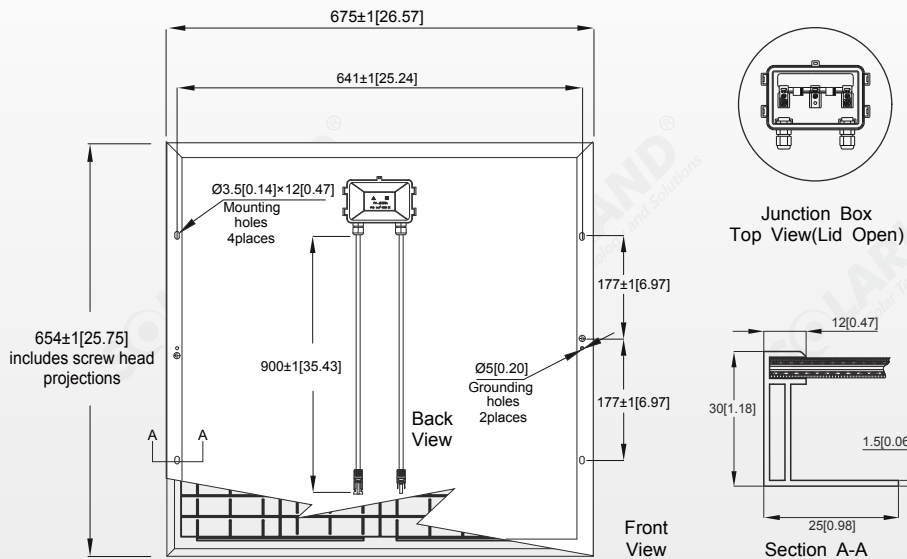
*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

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



Module Diagram

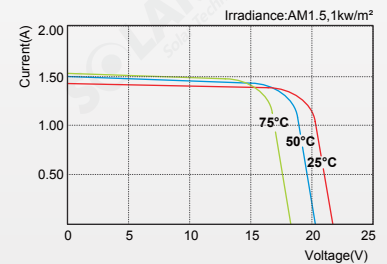
Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit: mm[in.]



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



SLP055-24 I-V Curves

Specifications	SLP055-24
Cells	Polycrystalline silicon solar cell
No. of cells and connections	72(4X18)
Module dimension	654mm[25.75in.]x675mm[26.57in.]x30mm[1.18in.]
Weight	5kg[11.02lbs]
Packing information(Carton)	720mm[28.35in.]x700mm[27.60in.]x95mm[3.74in.]/(2pcs/ctn)

*Limited warranty: 2-year limited warranty of materials and workmanship; 10-year limited warranty of 90% power output. For detail, please contact us.

*Specifications are subject to change without notice at any time.