

SLP2.5-06

High Efficiency Multicrystalline PV Module

Electrical Characteristics	SLP2.5-06
Product code	2.5010602
Maximum power (Pmax)	2.5W
Voltage at Pmax (Vmp)	8.6V
Current at Pmax (Imp)	0.29A
Open-circuit voltage (Voc)	10.7V
Short-circuit current (Isc)	0.34A
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)

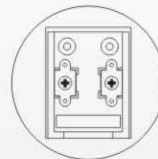
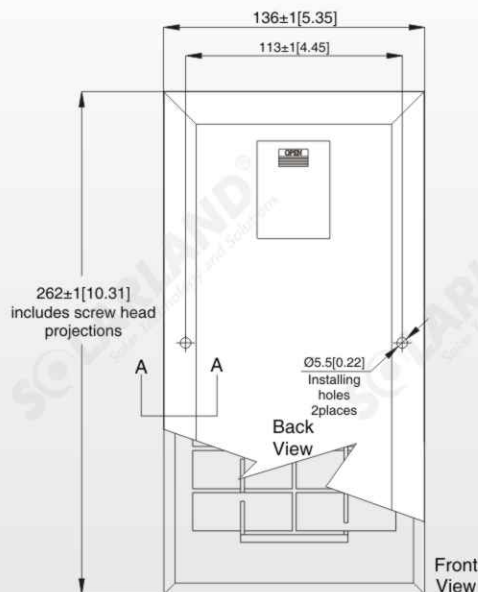


Module Diagram

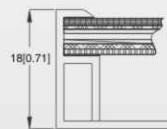
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



Junction Box
Top View(Lid Open)

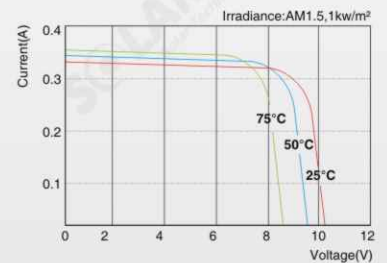


Section A-A

Features

- Nominal 6V 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



SLP2.5-06 I-V Curves

Specifications	SLP2.5-06
Cells	Polycrystalline silicon solar cell
No. of cells and connections	18(2X9)
Module dimension	262mm[10.31in.]x136mm[5.35in.]x18mm[0.71in.]
Weight	0.47kg[1.04lbs]
Packing information(Carton)	280[11.02in.]x255[10.04in.]x155[6.10in.]/(10pcs/ctn)
Carton/Pallet Qty	

*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.