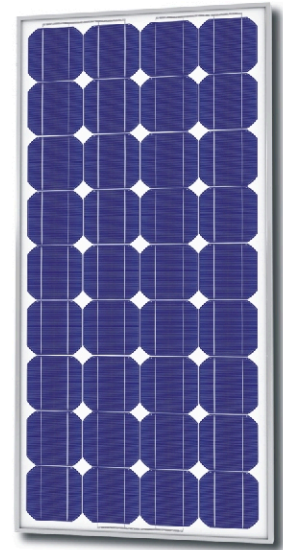


SLP085S-24M

High Efficiency Monocrystalline Custom Off-Grid PV Module

Electrical Characteristics	SLP085S-24M
Product code	085022408
Maximum power (Pmax)	85W
Voltage at Pmax (Vmp)	34.40V
Current at Pmax (Imp)	2.47A
Open-circuit voltage (Voc)	43.2V
Short-circuit current (Isc)	2.65A
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	± 3%

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

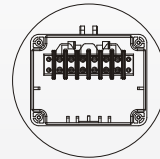
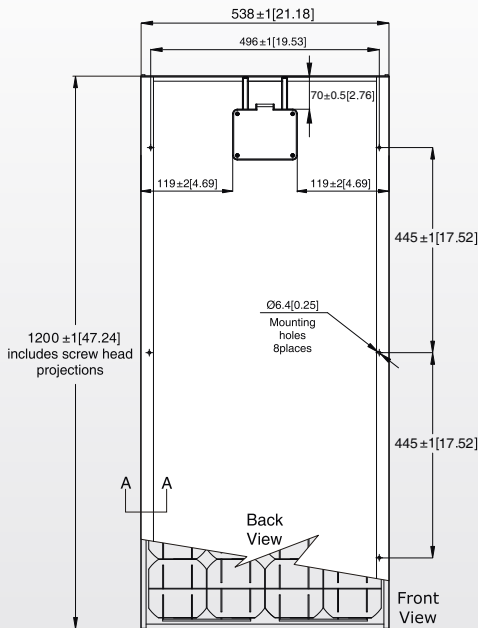


Module Diagram

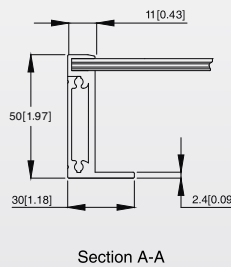
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



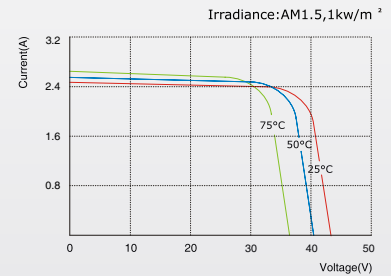
P Series Junction Box
Top View(Lid Open)



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



SLP085S-24M I-V Curves

Specifications

SLP085S-24M

Cells	Monocrystalline silicon solar cell
No. of cells and connections	36(4X9)
Module dimension	1200mm[47.24in.].x538mm[21.18in.].x50mm[1.97in.]
Weight	9.20kg[20.28lbs]
Packing information(Carton)	1245mm[49.02in.].x585mm[23.03in.].x135mm[5.31in.]/(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.