

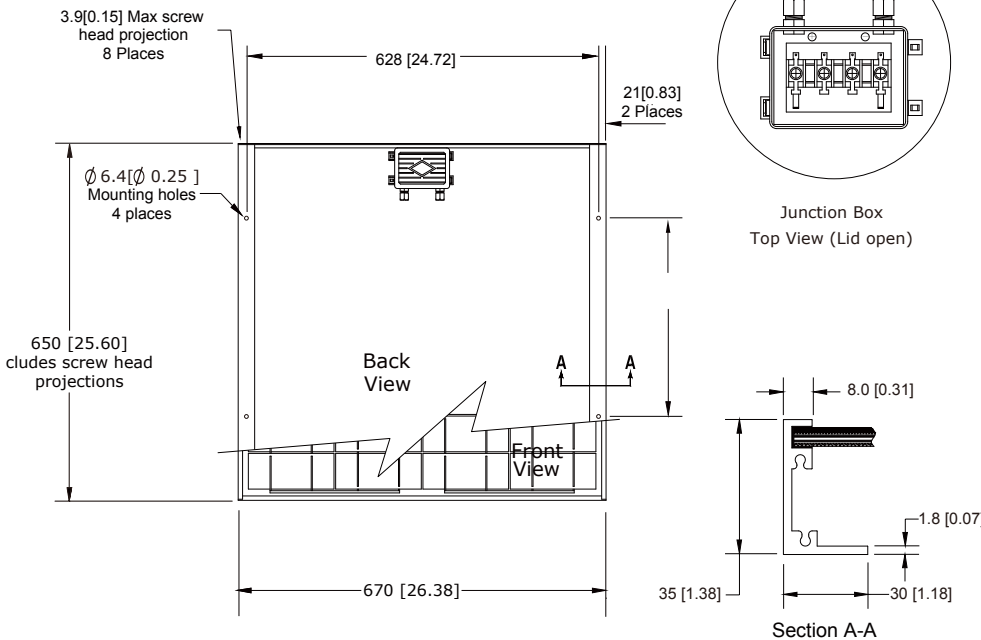
Electrical Characteristics	SLP50-12	SLP55-12
Maximum power (Pmax)	50W	55W
Voltage at Pmax (Vmp)	17.2V	17.2V
Current at Pmax (Imp)	2.91A	3.20A
Open-circuit voltage (Voc)	21.6V	21.6V
Short-circuit current (Isc)	3.23A	3.56A
Temperature coefficient of Voc	(0.065±0.015)%/ °C	(0.065±0.015)%/ °C
Temperature coefficient of Isc	-(80±10)mV/°C	-(80±10)mV/°C
Temperature coefficient of power	-(0.5±0.05)%/ °C	-(0.5±0.05)%/ °C
NOCT (Air 20°C; Sun 0.8kW/m wind 1m/s)	47±2°C	47±2°C
Operating temperature	-40°C to 85°C	-40°C to 85°C
Maximum system voltage	600V DC	600V DC
Power tolerance	± 5%	± 5%

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



Module Diagram

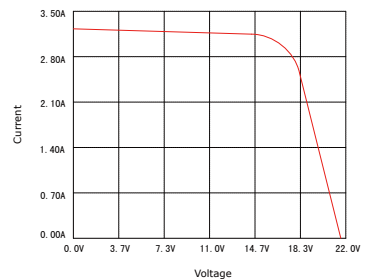
Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit:mm[in.]



Features

- Nominal 12V DC for standard output.
- Outstanding low-light performance.
- Heavy-duty anodized frames.
- High transparent low-iron,tempered glass.
- Cells are laminated with TPT and EVA ensuring longer life and maximum performance.
- Rugged design to withstand high wind pressure, hail and snow load.
- Aesthetic appearance.
- 25 years limited power output warranty.
- Custom design capabilities allow us to meet unique customer demands.

Characteristics



Module IV Graph 50W

Specifications

	SLP50-12	SLP55-12
Cells	Multicrystalline silicon solar cell	Multicrystalline silicon solar cell
No. of cells and connections	36(4X9)	36(4X9)
Module Dimension	650mm[25.60in.]x670mm[26.38in.]x35mm[1.38in.]	706mm[27.80in.]x670mm[26.38in.]x35mm[1.38in.]
Weight	5.2kg[11.46lbs]	5.7kg[12.57lbs]

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