



High Efficiency, High Quality PV Module.

SP120-12/ SP125-12

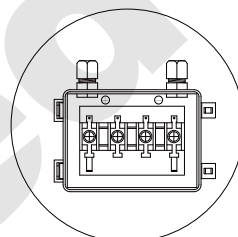
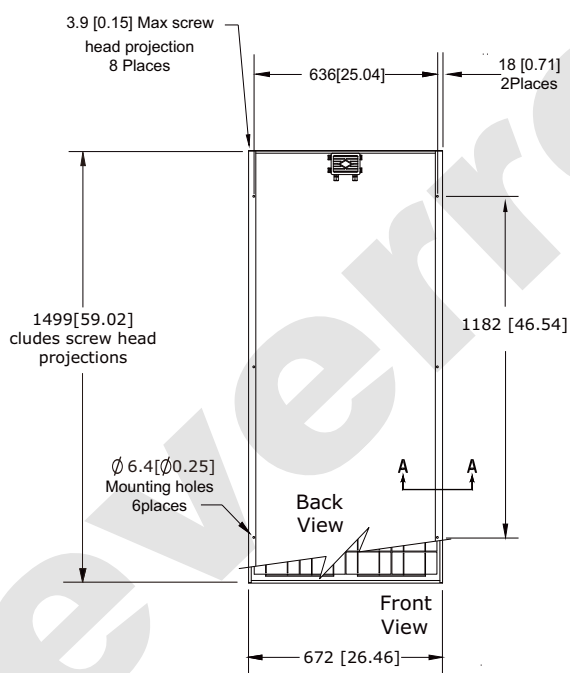
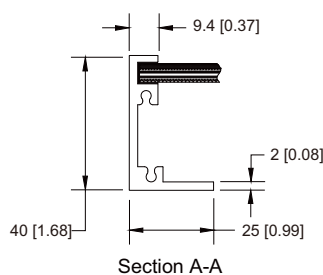
Electrical Characteristics	SP120-12	SP125-12
Maximum power (P _{max})	120W	125W
Voltage at P _{max} (V _{mp})	17.2V	17.2V
Current at P _{max} (I _{mp})	6.98A	7.27
Open-circuit voltage (V _{oc})	21.6V	21.6V
Short-circuit current (I _{sc})	7.72A	8.09A
Temperature coefficient of V _{oc}	(0.065±0.015)%/ °C	(0.065±0.015)%/ °C
Temperature coefficient of I _{sc}	-(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.

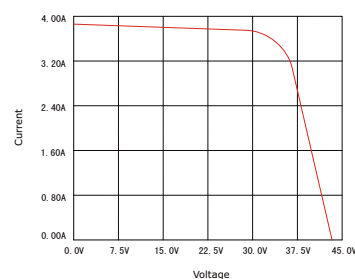
Unit:mm[in.]

Junction Box
Top View (Lid open)

Section A-A

Features

- Nominal 24V 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 120W

Specifications

	SP120-12	SP125-12
Cells	Multicrystalline silicon solar cell	Multicrystalline silicon solar cell
No. of cells and connections	72(4X18)	72(4X18)
Module Dimension	1499mm[59.02in.]x672mm[26.46in.]x40mm[1.58in.]	1562mm[61.50in.]x672mm[26.46in.]x40mm[1.58in.]
Weight	11.65kg[25.68lbs]	12.0kg[26.46lbs]

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