



High Efficiency, High Quality PV Module.

**SP30-12/ SP35-12**

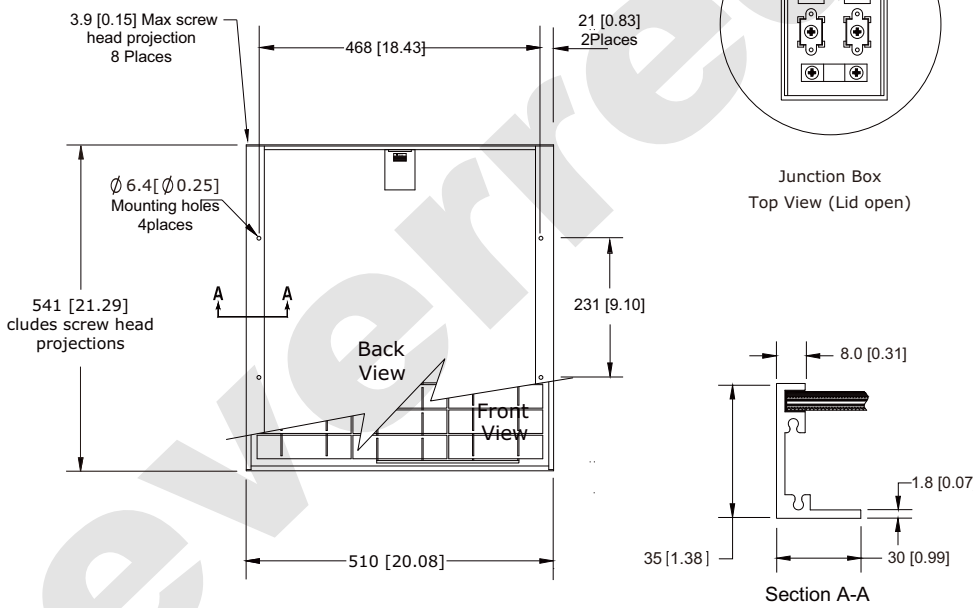
Electrical Characteristics	SP30-12	SP35-12
Maximum power (Pmax)	30W	35W
Voltage at Pmax (Vmp)	17.2V	17.2V
Current at Pmax (Imp)	1.74A	2.03A
Open-circuit voltage (Voc)	21.6V	21.6V
Short-circuit current (Isc)	1.93A	2.26A
Temperature coefficient of Voc	(0.065±0.015)%/ °C	(0.065±0.015)%/ °C
Temperature coefficient 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/m<sup>2</sup>, AM1.5 spectrum, module temperature 25°C

**Module Diagram**

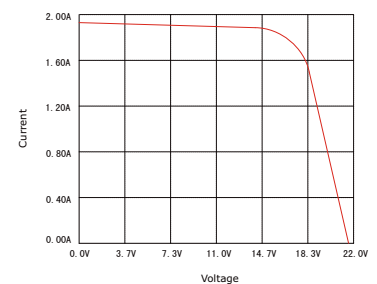
Dimensions in brackets are in inches.  
 Un-bracketed dimensions are in millimeters.  
 Unit:mm[in.]



**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**



**Specifications**

	SP30-12	SP35-12
Cells	Multicrystalline silicon solar cell	Multicrystalline silicon solar cell
No. of cells and connections	36(3X12)	18(2X9)
Module Dimension	541mm[21.30in.].x510mm[20.08in.].x35mm[1.38in.]	620mm[24.41in.].x510mm[20.08in.].x35mm[1.38in.]
Weight	3.5kg[7.72lbs]	3.9kg[8.60lbs]

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