

Electrical Characteristics	BS90-12	BS95-12
Maximum power (P <sub>max</sub> )	90W	95W
Voltage at P <sub>max</sub> (V <sub>mp</sub> )	17.2V	17.2V
Current at P <sub>max</sub> (I <sub>mp</sub> )	5.23A	5.52A
Open-circuit voltage (V <sub>oc</sub> )	21.6V	21.6V
Short-circuit current (I <sub>sc</sub> )	5.81A	6.15A
Temperature coefficient of V <sub>oc</sub>	(0.065±0.015)%/ °C	(0.065±0.015)%/ °C
Temperature coefficient of I <sub>sc</sub>	-(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

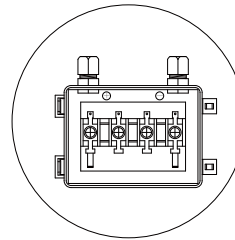
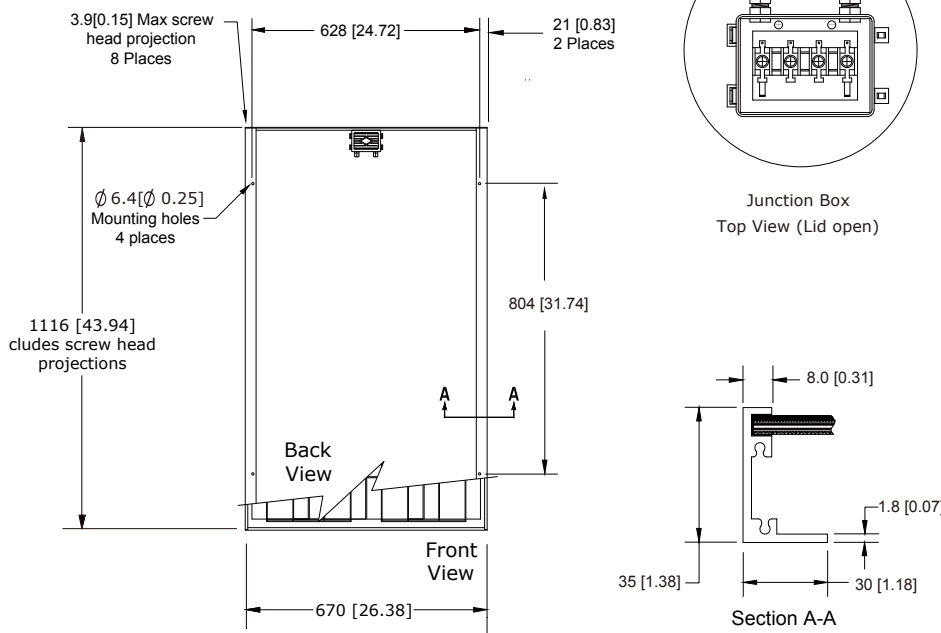


### Module Diagram

Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]

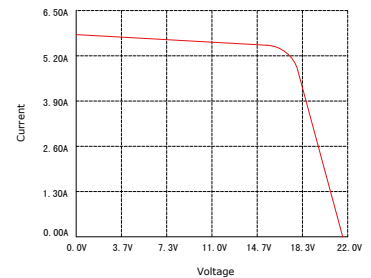


Junction Box  
Top View (Lid open)

### 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 90W

### Specifications

	BS90-12	BS95-12
Cells	Multicrystalline silicon solar cell	Multicrystalline silicon solar cell
No. of cells and connections	36(4X9)	36(4X9)
Module Dimension	1116mm[43.94in.]x670mm[26.38in.]x35mm[1.38in.]	1174mm[64.22in.]x670mm[26.38in.]x35mm[1.38in.]
Weight	7.7kg[16.98lbs]	8.0kg[17.64lbs]

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