

Electrical Characteristics	BS190-24	BS195-24
Maximum power (P <sub>max</sub> )	190W	195W
Voltage at P <sub>max</sub> (V <sub>mp</sub> )	34.4V	34.4V
Current at P <sub>max</sub> (I <sub>mp</sub> )	5.52A	5.67A
Open-circuit voltage (V <sub>oc</sub> )	43.2V	43.2V
Short-circuit current (I <sub>sc</sub> )	6.14A	6.31A
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

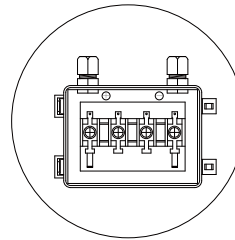
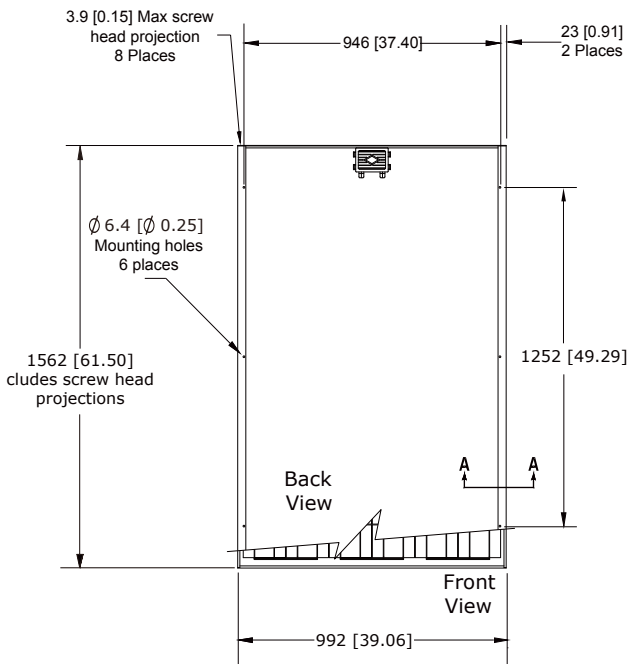


### Module Diagram

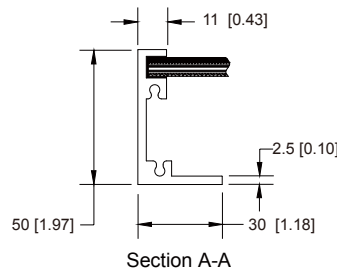
Dimensions in brackets are in inches.

Un-bracketed dimensions are in millimeters.

Unit: mm[in.]



Junction Box  
Top View (Lid open)

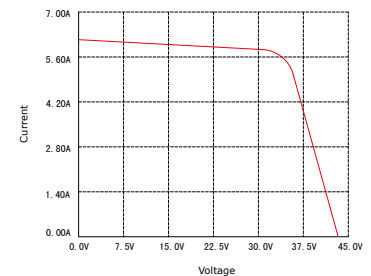


Section A-A

### 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 190W

### Specifications

	BS190-24	BS195-24
Cells	Multicrystalline silicon solar cell	Multicrystalline silicon solar cell
No. of cells and connections	72(6X12)	72(6X12)
Module Dimension	1562mm[61.50in.]x992mm[39.06in.]x50mm[1.97in.]	1598mm[62.92in.]x992mm[39.06in.]x50mm[1.97in.]
Weight	19.7kg[43.43lbs]	20.1kg[44.31lbs]

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