



## DATA SHEET

### BI-156-60W 60Watt module

- Module contains 36 series connected 156×78 mm square Multi-crystalline silicon solar cells
- Designed to accommodate remote battery charging or grid connected application
- Tolerance of  $\pm 5\%$  ensures that you receive the power that you purchase
- Advanced processing technology and automated production facilities with high quality standards
- Aluminum anodized frame and tempered glass laminate provides for maximum protection in rugged applications
- Junction box with “Plug-n-Play” leads provides ease of installation
- Two bypass diodes for additional cell protection
- UL 1703 and IEC 61215 certification
- Limited Peak Power Warranty for 25 years



#### Electrical Specifications at STC

1000W/m<sup>2</sup>, 25°C, AM1.5

Typical Power	60 W
Minimum Power	57 W
Voltage at Typical Power	17.6 V
Current at Typical Power	3.41 A
Open Circuit Voltage	21.82 V
Short Circuit Current	3.73 A

#### Mechanical Specifications

	Metric	English
Length	778 mm	30.63 in
Width	676 mm	26.61 in
Depth	50 mm	1.97 in
Weight	7.14 kg	15.7 lbs

#### Temperature Sensitivities For Nominal 60 watt Module:

Power: -0.30 W/°C

Open-Circuit Voltage: -0.077V/°C

Short-Circuit Current: +0.0022A/°C

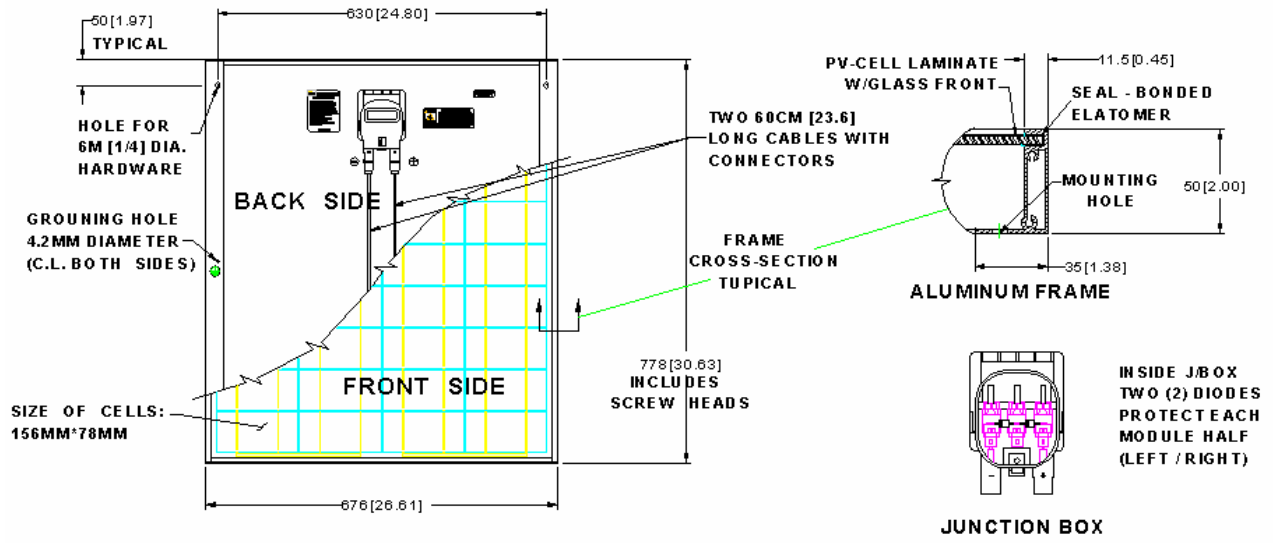
#### Qualification Test Parameters:

Humidity Freeze, Damp Heat: 85%RH, 1000hrs Temperature Cycling: -40°C to +90°C, 200cycles

Electrical Isolation: 2200 Vdc Static Load front and back: 2,400 Pa

Hailstone Impact: 25mm steel ball at 23m/s

# Module Diagram



MILLIMETERS [INCHES]