



## DATA SHEET

### BI-156-200W-G27V 200Watt module

- Module contain 54series connected 156×156 mm square multicrystalline silicon solar cells
- Designed to accommodate remote battery charging or grid connected application
- Tolerance of ± 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
- Three bypass diodes for additional cell protection
- Designed to meet UL 1703 and IEC 61215 certification
- Limited Peak Power Warranty for 20 years



#### Electrical Specifications at STC 1000W/m<sup>2</sup>,25°C,AM1.5

Typical Power	200W
Minimum Power	190W
Voltage at Typical Power	26.6V
Current at Typical Power	7.51A
Open Circuit Voltage	32.72V
Short Circuit Current	7.90A

#### Mechanical Specifications

	Metric	English
Length	1482mm	58.35in
Width	992mm	39.06in
Depth	50mm	1.97in
Weigh	18.60kg	40.921lbs

#### Temperature Sensitivities For Nominal 170 watt Module:

Power: -1.00 W/°C  
 Open-Circuit Voltage: -0.115V/°C  
 Short-Circuit Current:+0.0026A/°C

#### Qualification Test Parameters:

Humidity Freeze, Damp Heat: 85%RH,1000hrs      Temperature Cycling: -40°C to +90°C,200cycles  
 Electrical Isolation: 2200Vdc      Static Load front and back: 2,400Pa  
 Hailstone Impact: 25mm steel ball at 23m/s

# Module Diagram

