



DATA SHEET

BI-156-200W 200Watt module

- Module contains 54series connected 156×156 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/m², 25°C, AM1.5

Typical Power	200 W
Minimum Power	190 W
Voltage at Typical Power	26.6V
Current at Typical Power	7.51 A
Open Circuit Voltage	32.72 V
Short Circuit Current	7.9 A

Mechanical Specifications

	Metric	English
Length	1482 mm	58.35 in
Width	992 mm	39.06 in
Depth	50 mm	1.97 in
Weight	17.9 kg	39.55 lbs

Temperature Sensitivities For Nominal 200 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, 1000 hrs Temperature Cycling: -40°C to +90°C, 200 cycles

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

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

Module Diagram

