

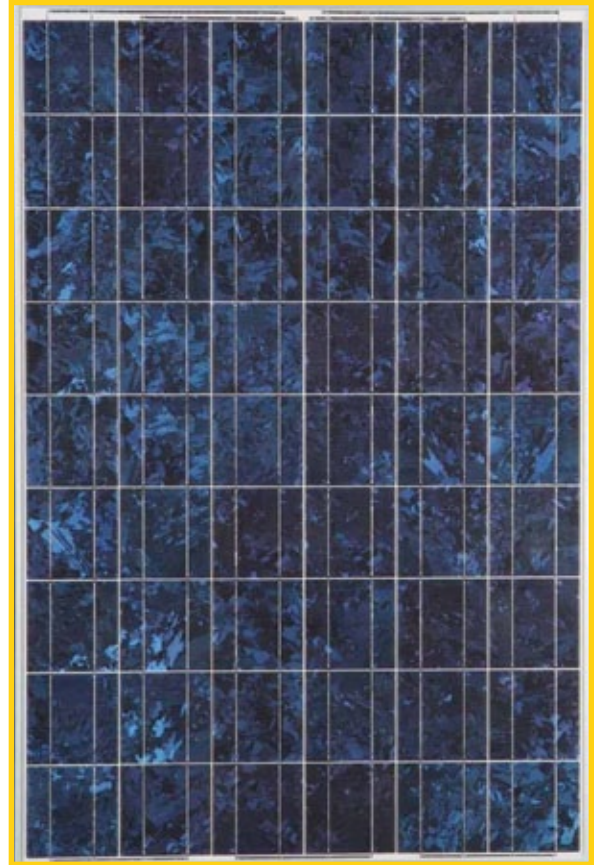


# 200WMODULE

MODEL NUMBER

## FEATURES

- Module contains 54 series connected 156x156 mm square.
- Multi-crystalline silicone 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.



## MECHANICAL SPECIFICATIONS

	METRIC	ENGLISH
Length	1428 mm	58.35 in
With	992 mm	39.06 in
Depth	50 mm	1.97 in
Weight	17.9 kg	39.55 lbs

## ELECTRICAL SPECIFICATIONS at STC

1000W/m<sup>2</sup>, 25°C, AM1.5

Maximum Power (Pmax)	200 W
Voltage at Pmax (Vmp)	26.6 V
Current at Pmax (Imp)	7.51 A
Open Circuit Voltage (Voc)	32.72 V
Short Circuit Current (Isc)	7.9 A

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	2400 Pa	
Hailstone Impact	25 mm steel ball at 23 m/s	

Module Diagram

