

Photovoltaic Module

Polycrystalline

GS-200P



Quality and Safety

- ★ Rigorous quality control meeting the highest international standards
- ★ High-transmissivity low-iron tempered glass, strong aluminium frame Using UV-resistant silicon
- ★ Safety Class II,conformity to CE

Features

- ★ Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies
- ★ High quality, strong aluminium frame, passing mechanical load testing 5400 Pa and wind pressure 2400Pa

Warranties

- ★ 10 years limited product warranty
- ★ 15 years at 90% of the minimal rated power output
- ★ 25 years at 80% of the minimal rated power output

Certificates



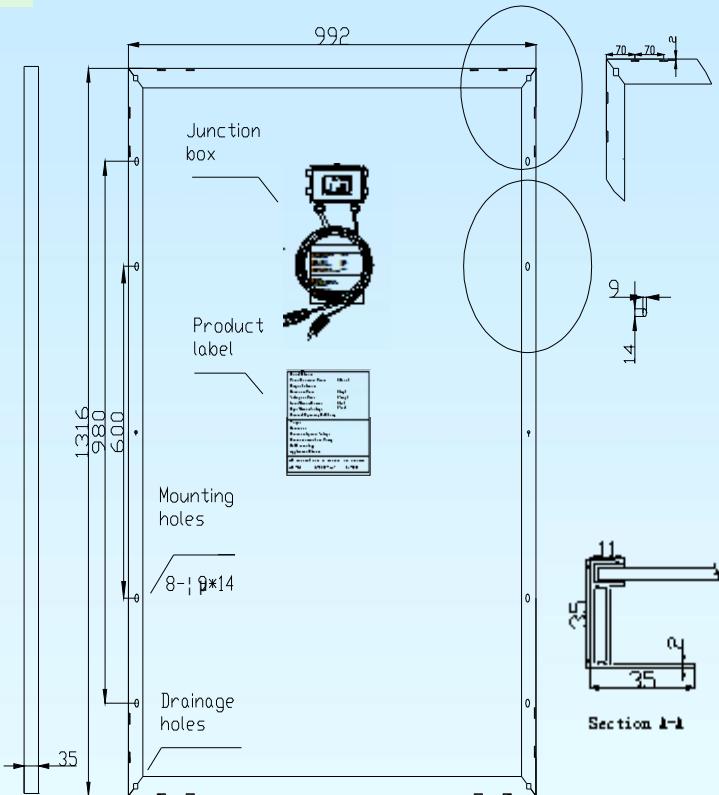
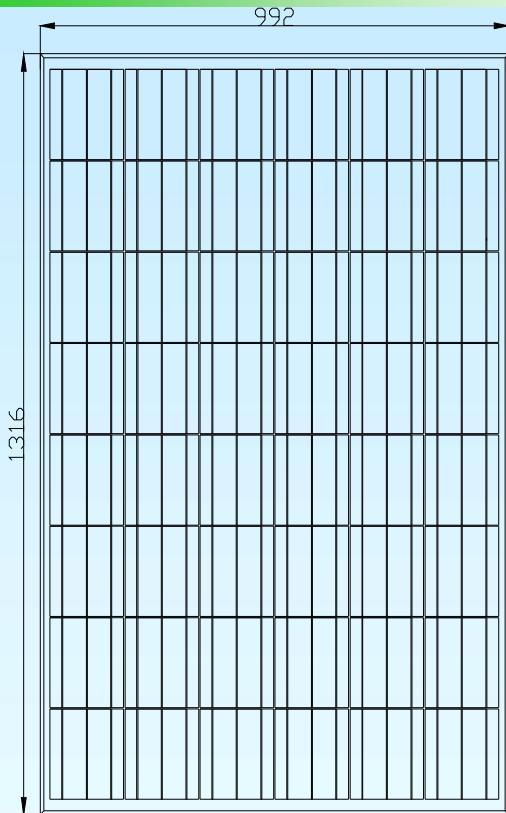
Electrical Characteristics

Model	GS-200P
Maximum Power at STC (Pmax)	200W
Optimum Operating Voltage (Vmp)	24.4V
Optimum Operating Current (Imp)	8.33A
Open-Circuit Voltage (Voc)	29.32V
Short-Circuit Current (Isc)	9.15A
Solar Cell Efficiency (%)	17.25
Solar Module Efficiency (%)	15.32
Operating Temperature	-40 to 85 °C
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	+/-3%
STC: Irradiance 1000W/m ² , Modules Temperature 25°C, AM=1.5	



GREEN SOLAR

Engineering Drawings

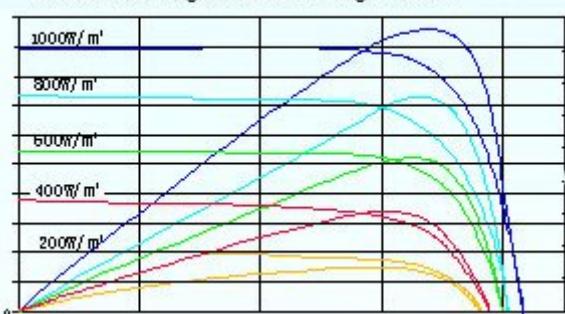


Mechanical Characteristics

Solar cell	Poly-Crystalline (156*156mm)
No.of cells	48(6×8)
Dimensions	1316mm*992mm*35mm
Weight	15kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-LH0808
Connector	Plug and socket
Output cables	PV 2.5mm ² ,0.9m
1*20'	/
1*40'	/
1*40'HQ	/

IV-Curves

Current-Voltage&Power-Voltage Curve



Temperature Coefficient

Nominal Operating Cell Temperature (NOCT)	47°C +/- 2°C
Temperature Coefficient of Pmax	-0.47%/K
Temperature Coefficient of VOC	-0.351%/K
Temperature Coefficient of ISC	+0.035%/K