

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 at90% of the minimal rated power output
- ★25 years at80% of the minimal rated power output

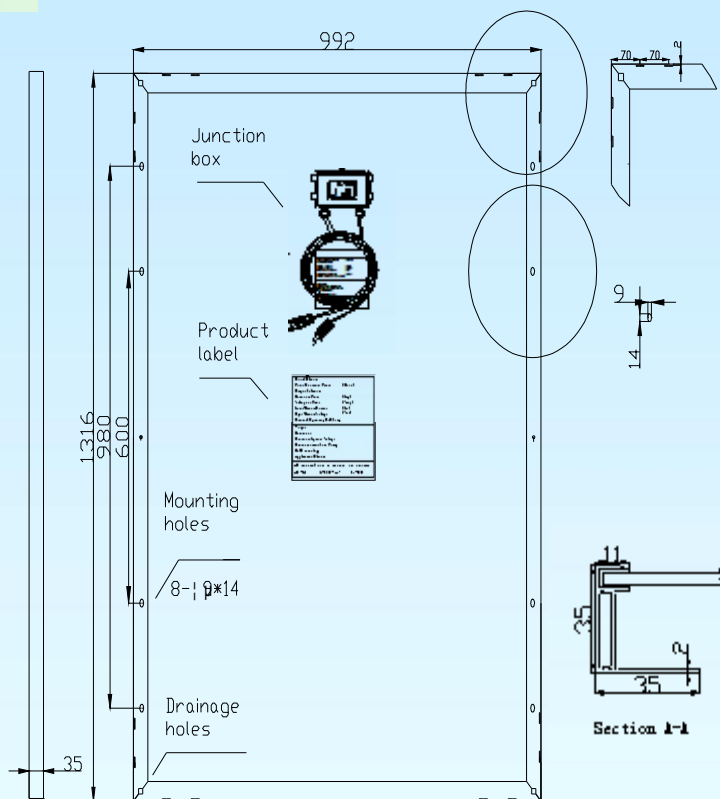
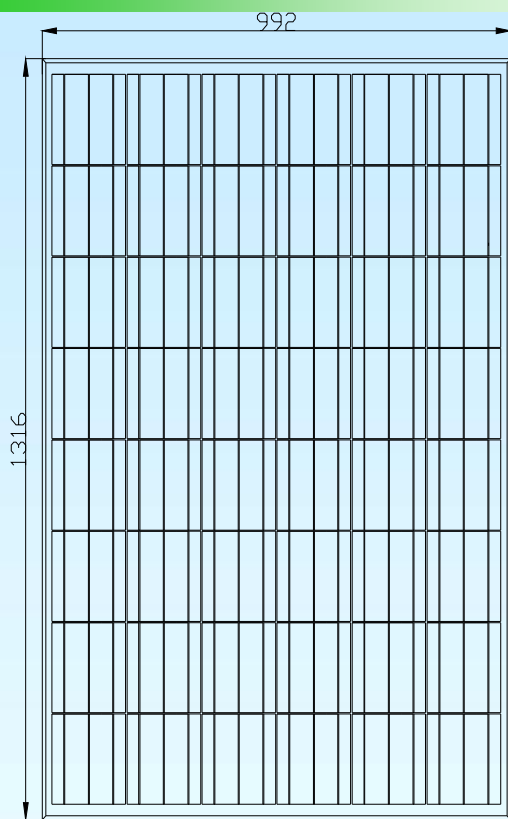
Certificates



Electrical Characteristics

Model	GS-200P
Maximum Power at STC (P _{max})	200W
Optimum Operating Voltage (V _{mp})	24.4V
Optimum Operating Current (I _{mp})	8.33A
Open-Circuit Voltage (V _{oc})	29.32V
Short-Circuit Current (I _{sc})	9.15A
Solar Cell Efficiency (%)	17.25
Solar Module Efficiency (%)	15.32
Operating Temperature	-40to85℃
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	+/-3%
STC:Irradiance 1000W/m ² ,Modules Temperature 25℃,AM=1.5	

Engineering Drawings

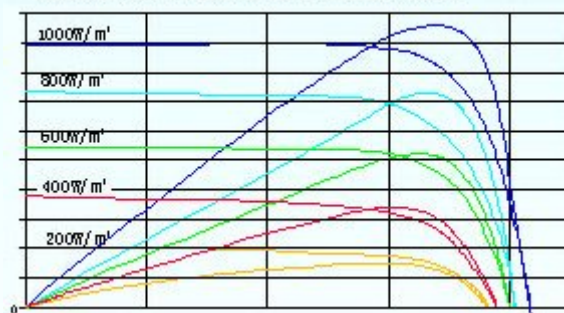


Mechanical Characteristics

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