GREEN SOLAR

Photovoltaic Module

Polycrystalline

GS-5P

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-5P
Maximum Power at STC (Pamx)	5W
Optimum Operating Voltage (Vmp)	17.6V
Optimum Operating Current (Imp)	0.285A
Open-Circuit Voltage (Voc)	21.86V
Short-Circuit Current (Isc)	0.309A
Solar Cell Efficiency (%)	15.60
Solar Module Efficiency (%)	9.26
Operating Temperature	-40to85℃
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	+/-3%
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5	

www.glenergy.cn

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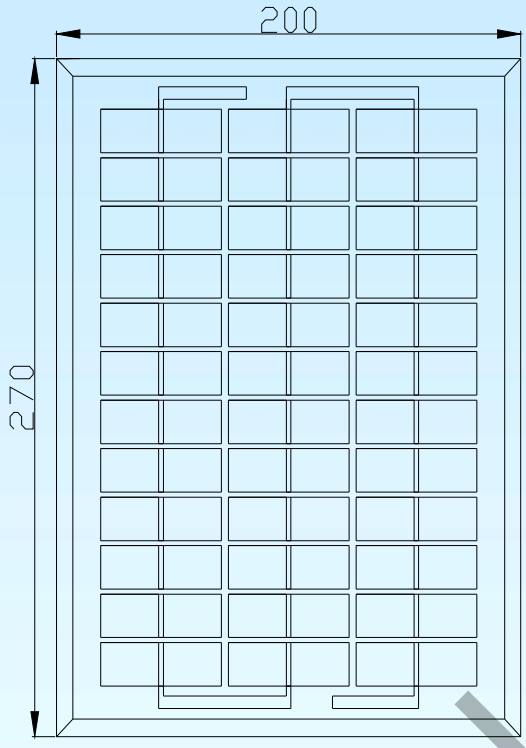
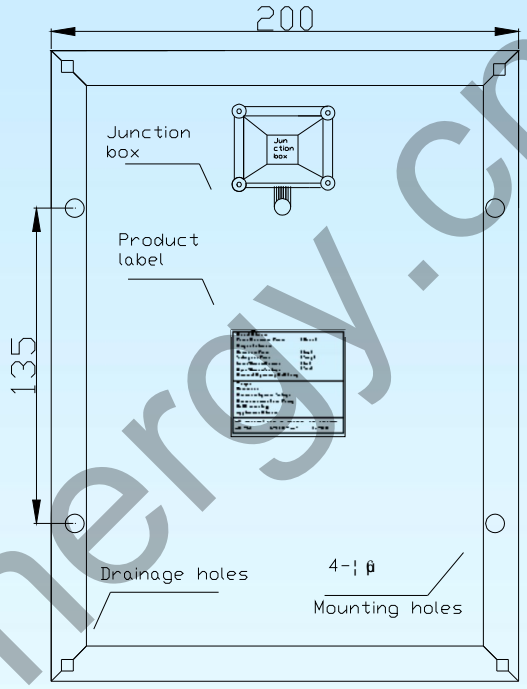
Engineering Drawings

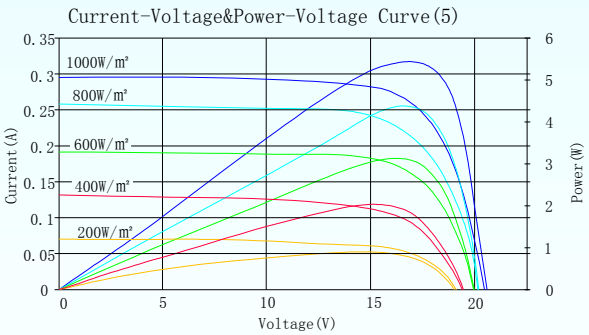




Mechanical Characteristics

Solar cell	Poly-Crystalline52*17.3mm
No.of cells	36(3×12)
Dimensions	270mm*200mm*18mm
Weight	0.7kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-LH0802
Connector	/
Output cables	/
1*20'	/
1*40'	/
1*40'HQ	/

IV-Curves



Temperature Coefficient

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

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