GREEN SOLAR

Photovoltaic Module

Polycrystalline

GS-250P-260P

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-250P	GS-260P
Maximum Power at STC (Pamx)	250W	260W
Optimum Operating Voltage (Vmp)	30.6V	30.5
Optimum Operating Current (Imp)	8.17A	8.53A
Open-Circuit Voltage (Voc)	36.9V	36.8
Short-Circuit Current (Isc)	9.16A	9.52
Solar Cell Efficiency (%)	17.4	18.35
Solar Module Efficiency (%)	15.36	15.98
Operating Temperature	-40to85℃	
Maximum System Voltage	DC1000	
Maximum Series Fuse Rating	15A	
Power Tolerance	+/-3%	
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5		

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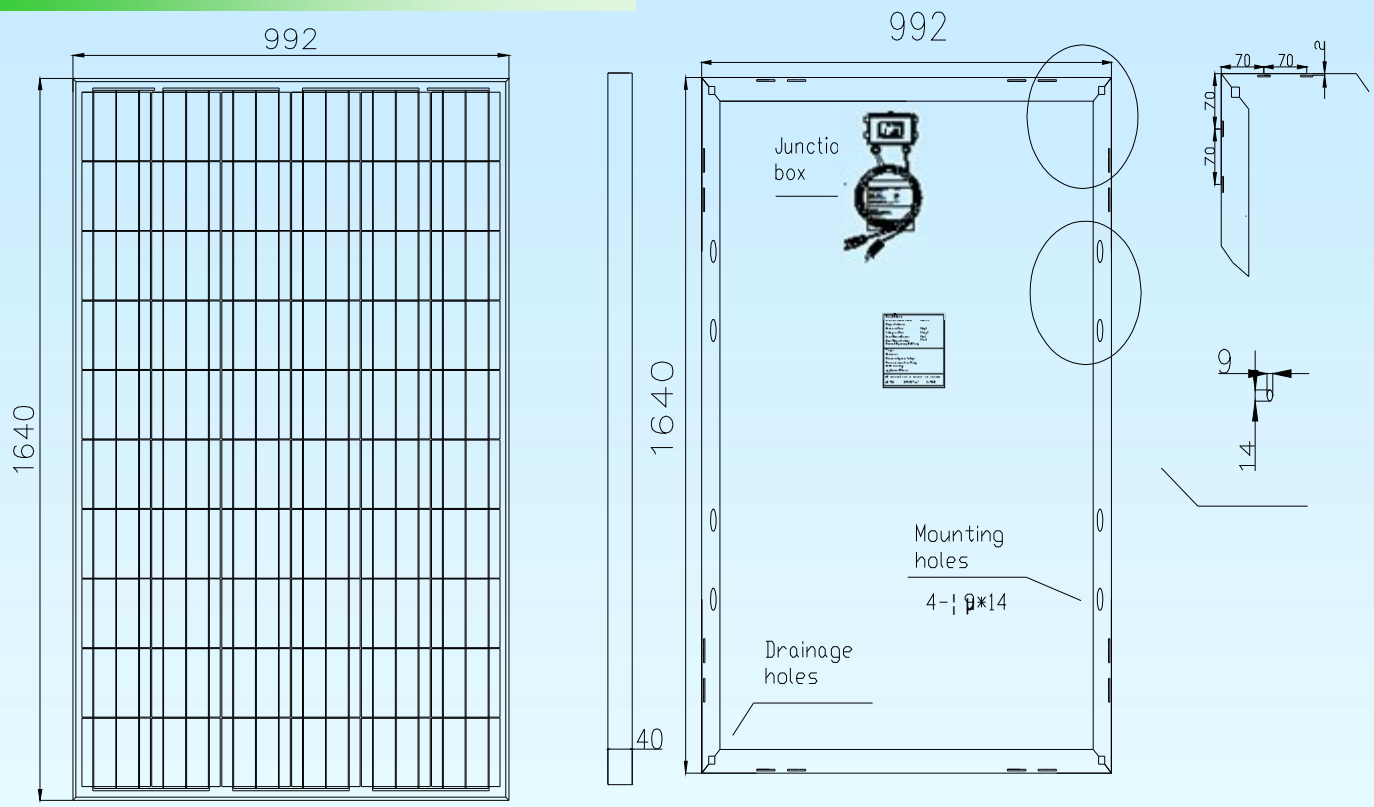
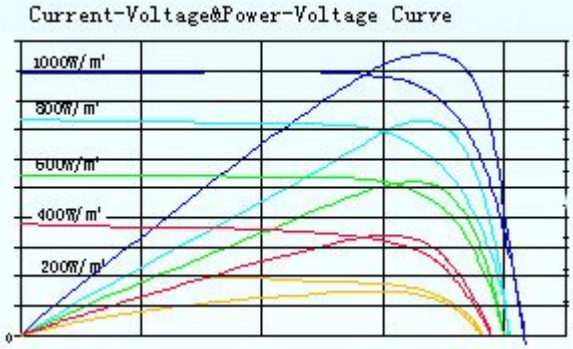
Engineering Drawings



Mechanical Characteristics

Solar cell	Poly-Crystalline156*156mm
No.of cells	60(6*10)
Dimensions	1640mm*992mm*40mm
Weight	19kg
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



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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