

Photovoltaic Module

Monocrystalline

GS-70M



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

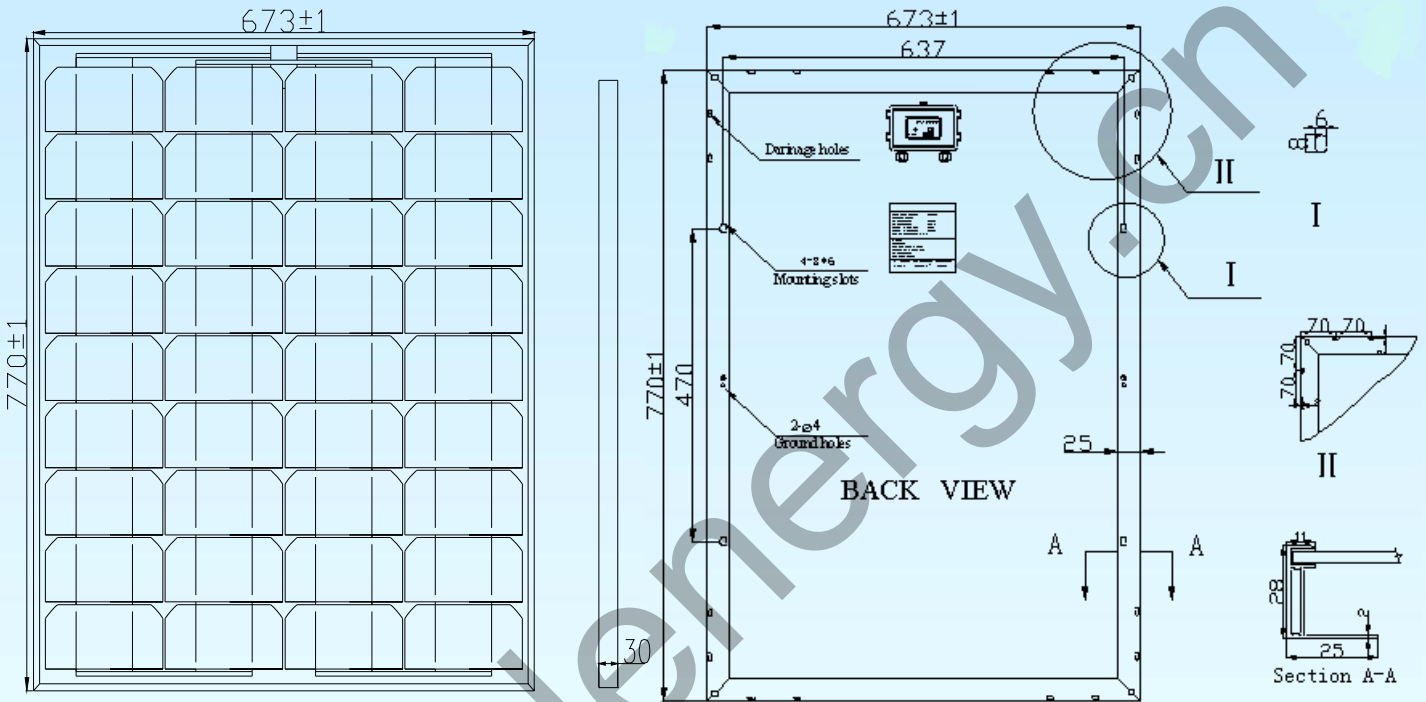
Certificates



Electrical Characteristics

Model	GS-65M	GS-70M	GS-75M
Maximum Power at STC (P _{max})	65W	70W	75W
Optimum Operating Voltage (V _{mp})	17.4V	17.6V	17.6V
Optimum Operating Current (I _{mp})	3.736A	3.978A	4.262A
Open-Circuit Voltage (V _{oc})	22.1V	22.2V	22.2V
Short-Circuit Current (I _{sc})	3.974A	4.204A	4.565A
Solar Cell Efficiency (%)	15.4	16.5	17.7
Solar Module Efficiency (%)	12.5	13.5	14.4
Operating Temperature	-40to85°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			

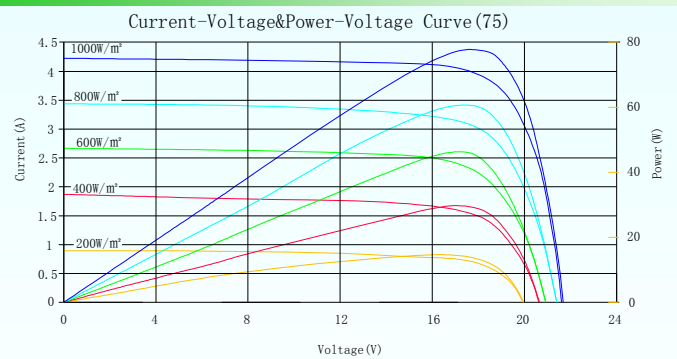
Engineering Drawings



Mechanical Characteristics

Solar cell	Mono-Crystalline 156*78mm
No. of cells	36 (4*9)
Dimensions	770mm*673mm*30mm
Weight	6.2kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-LH0808
Connector	/
Output cables	/
1*20'	/
1*40'	/
1*40'HQ	/

IV-Curves



Temperature Coefficient

Nominal Operating Cell Temperature (NOCT)	47°C ± 2°C
Temperature Coefficient of P _{max}	-0.47%/K
Temperature Coefficient of V _{OC}	-0.346%/K
Temperature Coefficient of I _{SC}	+0.036%/K