MULTITASK ELECTRONICS

Photovoltaic Module Polycrystalline

MEGS-95P MEGS-100P

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-95P	MEGS-100P
Maximum Power at STC (Pamx)	95W	100W
Optimum Operating Voltage (Vmp)	17.5V	17.2V
Optimum Operating Current (Imp)	5.429A	5.820A
Open-Circuit Voltage (Voc)	21.60V	21.80V
Short-Circuit Current (Isc)	5.943A	6.180A
Solar Cell Efficiency (%)	16.4	17.25
Solar Module Efficiency (%)	14.18	14.93
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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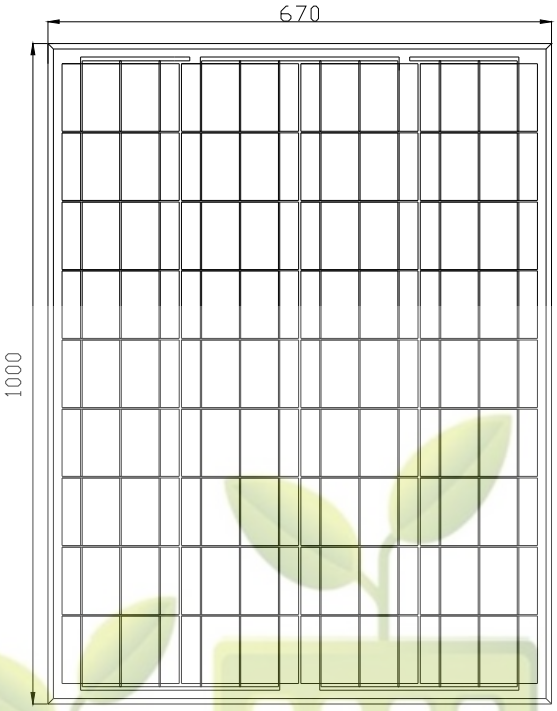
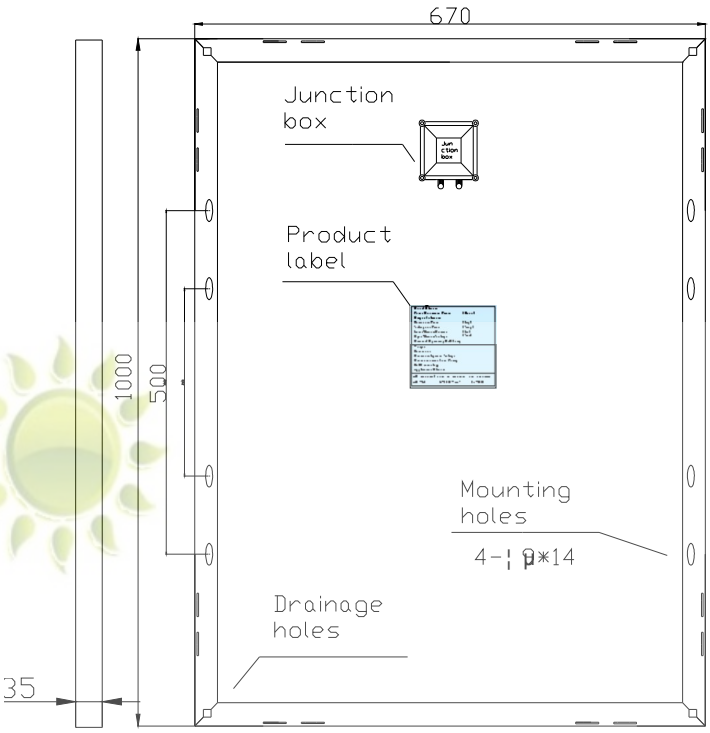
Engineering Drawings

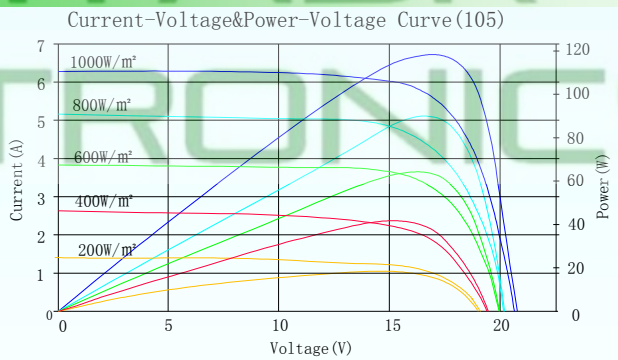




Mechanical Characteristics

Solar cell	Poly-Crystalline156*104mm
No.of cells	36(4×9)
Dimensions	670mm*1000mm*35mm
Weight	9.1kg
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℃+/-2℃
Temperature Coefficient of Pmax	-0.47%/K
Temperature Coefficient of VOC	-0.351%/K
Temperature Coefficient of ISC	+0.035%/K