

Photovoltaic Module Monocrystalline

MEGS-180M MEGS-190M MEGS-200M MEGS-205M



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

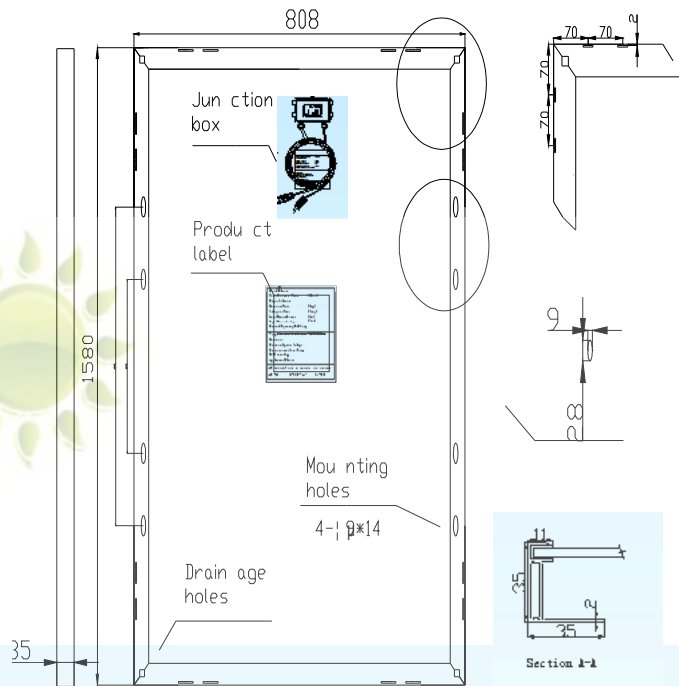
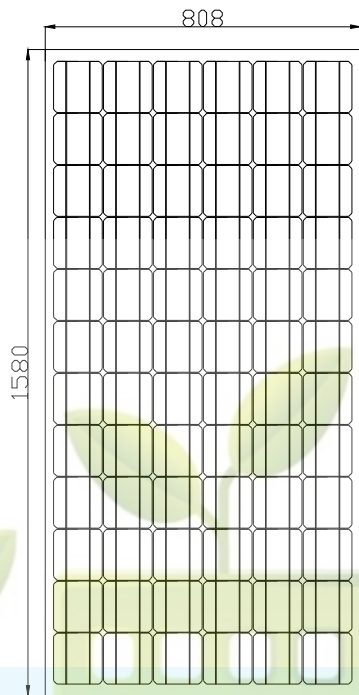


Electrical Characteristics

Model	MEGS-180M	MEGS-190M	MEGS-200M	MEGS-205M
Maximum Power at STC (P _{max})	180W	190W	200W	205W
Optimum Operating Voltage (V _{mp})	36.89V	37.44V	37.77V	37.8V
Optimum Operating Current (I _{mp})	4.97A	5.18A	5.39A	5.52A
Open-Circuit Voltage (V _{oc})	45.1V	44.86V	45.25V	45.36V
Short-Circuit Current (I _{sc})	5.51A	5.78A	5.92A	6.12A
Solar Cell Efficiency (%)	15.9	17.3	18.3	18.75
Solar Module Efficiency (%)	14.1	14.88	15.67	16.29
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				



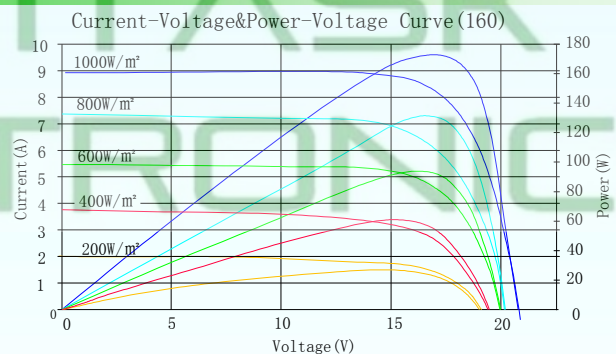
Engineering Drawings



Mechanical Characteristics

Solar cell	Mono-Crystalline 125*125mm
No. of cells	72(6×9)
Dimensions	1580mm*808mm*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



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