Photovoltaic Module Polycrystalline

MEGS-20P

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

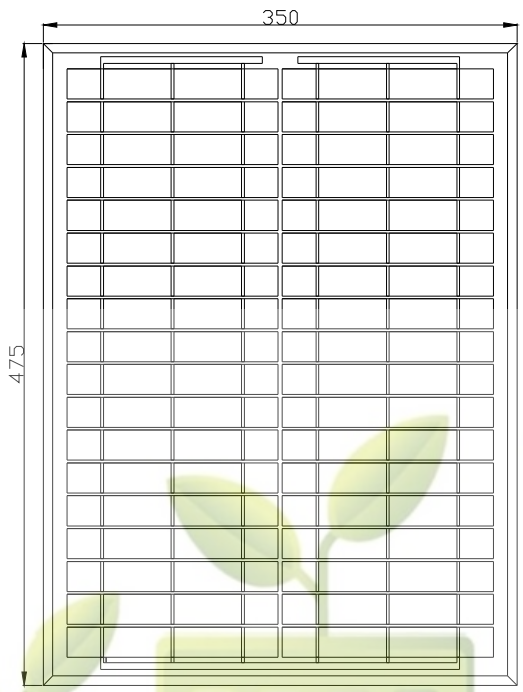
Certificates

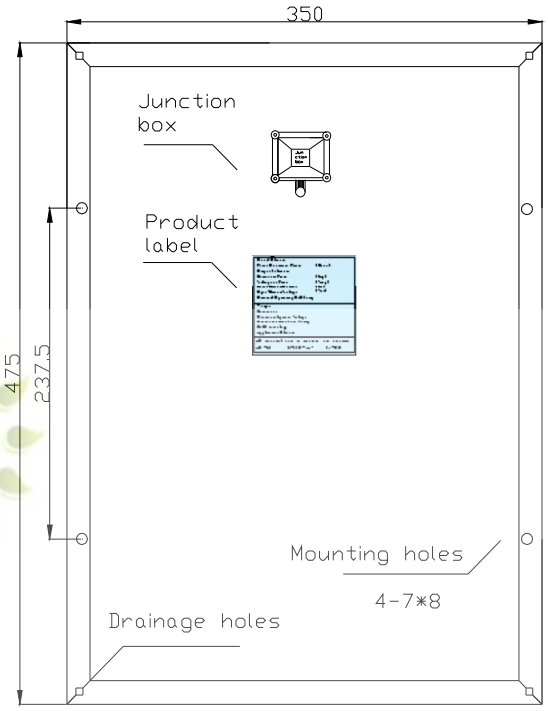
Electrical Characteristics

Model	MEGS-20P
Maximum Power at STC (Pamx)	20W
Optimum Operating Voltage (Vmp)	17.2V
Optimum Operating Current (Imp)	1.170A
Open-Circuit Voltage (Voc)	21.80V
Short-Circuit Current (Isc)	1.230A
Solar Cell Efficiency (%)	16.5
Solar Module Efficiency (%)	12.03
Operating Temperature	-40to85℃
Maximum System Voltage	DC1000
Maximum Series Fuse Rating	15A
Power Tolerance	+/-3%
STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5	

MULTITASK ELECTRONICS

Engineering Drawings

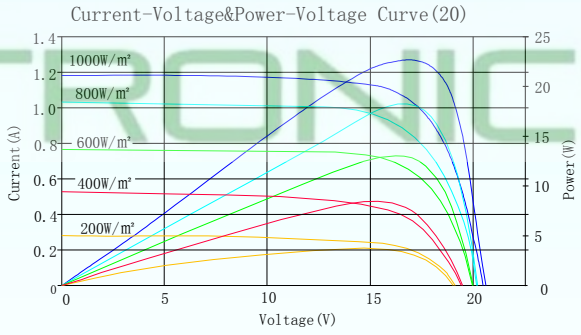




Mechanical Characteristics

Solar cell	Poly-Crystalline156*24mm
No.of cells	36(2×18)
Dimensions	475mm*350mm*28mm
Weight	2.3kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV-LH0806
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