Photovoltaic Module
Monocrystalline60

KEY FEATURES

High module efficiency through
superior manufacturing technology

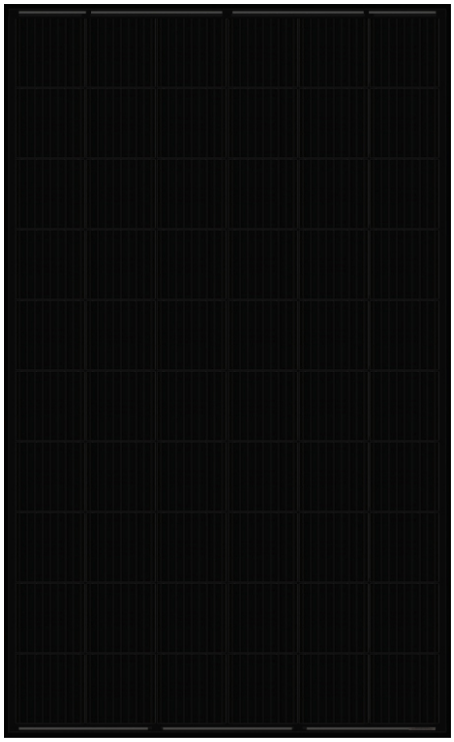
No power loss thanks to improved temperature co-efficient
caused by 9 busbar solar cell

Strictly control the micro-crack of solar cells and the other
non visible defect of internal modules

Module can bear snow loads up to 5400Pa
and wind loads up to 2400Pa

Manufactured according to and certified international I Quality
and Environment Management System

Using advanced low reflection and high light transmission glass and cell sheet surface cutting technology, in the weak light environment can also play a good performance.

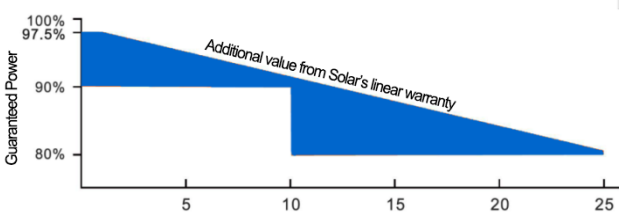


Certificates

- IEC61215,IEC61730,CQC、CE、TUV
- ISO9001:2015
- ISO14001:2015
- ISO45001:2018

Warranties

- 10 years product warranty
- 25 years power warranty



MW POWER

Electrical Characteristics

Model	MWG 310
Maximum Power at STC(Pmax)	310W
Optimum Operating Voltage (Vmp)	33.0V
Optimum Operating Current (Imp)	9.60A
Open-Circuit Voltage (Voc)	40.3V
Short-Circuit Current (Isc)	10.08A
Solar Cell Efficiency (%)	21.50
Solar Module Efficiency (%)	19.00
Fill factor(%)	77.96
Operating Temperature	-40to85℃
Maximum System Voltage	DC1000V
Maximum Series Fuse Rating	15A
Power Tolerance	0~+3%

STC:Irradiance 1000W/㎡,Modules Temperature 25℃,AM=1.5

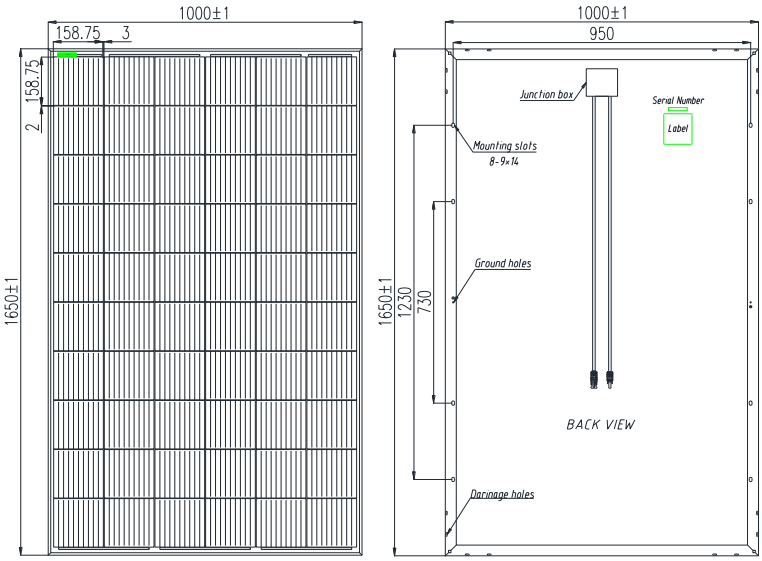
Temperature Coefficient

NOCT	45℃+/-2℃
Temperature Coefficient of Pmax	-0.4%/K
Temperature Coefficient of VOC	-116mV/K
Temperature Coefficient of ISC	+5.0mA/K

Mechanical Characteristics

No.of cells	60 (6×10)
Dimensions	1650mm*1000mm*35mm
Weight	18kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm²,0.9m
1*20'	360pcs
1*40'	840pcs
1*40'HQ	924pcs

Engineering Drawings



IV-Curves