

# Photovoltaic Module Monocrystalline120

## 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



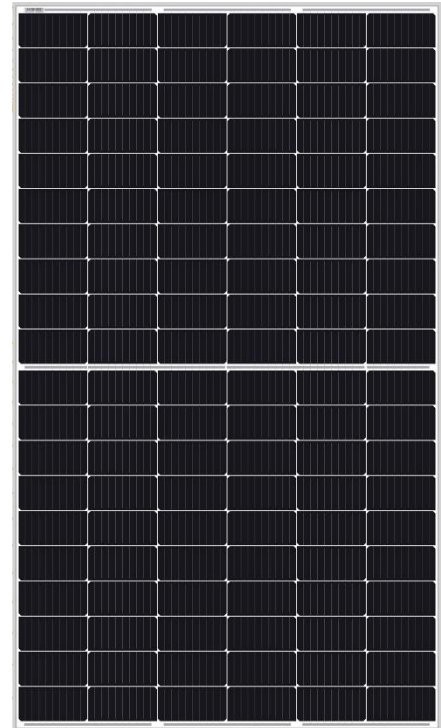
Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



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.



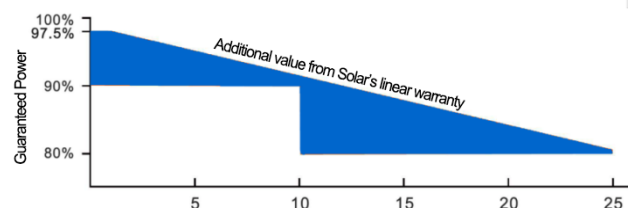
## Certificates

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



## Warranties

- 10 years product warranty
- 25 years power warranty



## Electrical Characteristics

Model	HS120-355-M6	HS120-360-M6	HS120-365-M6	HS120-370-M6	HS120-375-M6
Maximum Power at STC(Pmax)	355W	360W	365W	370W	375W
Optimum Operating Voltage (Vmp)	34.05V	34.2V	34.35V	34.5V	34.65V
Optimum Operating Current (Imp)	10.43A	10.53A	10.63A	10.73A	10.83A
Open-Circuit Voltage (Voc)	40.7V	40.9V	41.1V	41.3V	41.5V
Short-Circuit Current (Isc)	11.03A	11.13A	11.23A	11.33A	11.58A
Solar Cell Efficiency (%)	21.58	21.89	22.19	22.50	22.81
Solar Module Efficiency (%)	19.48	19.76	20.03	20.31	20.58
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1500V				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m <sup>2</sup> ,Modules Temperature 25°C,AM=1.5					

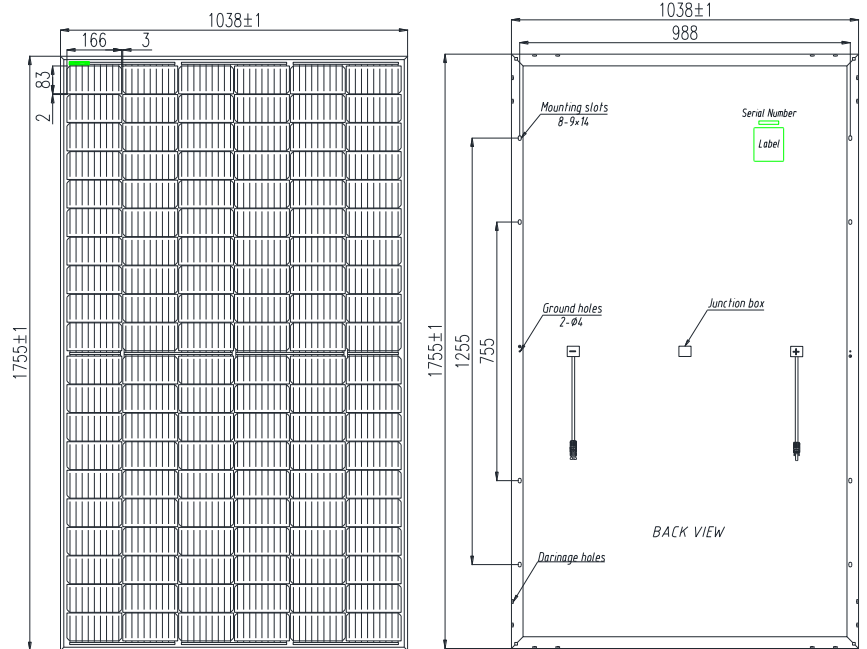
## Temperature Coefficient

NOCT	45°C+/-2°C
Temperature Coefficient of Pmax	-0.39%/°C
Temperature Coefficient of VOC	-0.29%/°C
Temperature Coefficient of ISC	+0.05%/°C

## Mechanical Characteristics

No.of cells	120(6×10+6×10)
Dimensions	1755mm*1038mm*35mm
Weight	20kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	IP68, three diodes
Connector	Plug and socket
Output cables	PV 4.0mm <sup>2</sup> ,0.9m
1*20'	360pcs
1*40'	780pcs
1*40'HQ	832pcs

## Engineering Drawings



## IV-Curves

