







Photovoltaic Module Monocrystalline 120



KEY FEATURES

-  High module efficiency through superior manufacturing technology
-  No power loss thanks to improved temperature co-efficient caused by MBB perc 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.



Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	45°C+/-2°C	Front glass	3.2mm tempered glass
Temperature Coefficient of Pmax	-0.39%/°C	Frame	Anodized aluminium alloy
Temperature Coefficient of VOC	-0.29%/°C	Junction box	PV-*****
Temperature Coefficient of ISC	+0.05%/°C	Connector	Plug and socket
Solar cell	Mono 166*83mm	Output cable	PV 4.0mm ² , 5cm
No.of cells	120(6x20)	1*20'	/
Dimensions	1755mm*1038mm*35mm	1*40'	/
Weight	19.5kg	1*40'HQ	780pcs

Electrical Characteristics

Model	RL350HM-120	RL355HM-120	RL360HM-120	RL365HM-120	RL370HM-120
Maximum Power at STC(Pmax)	350W	355W	360W	365W	370W
Optimum Operating Voltage (Vmp)	33.3V	33.5V	33.7V	33.9V	34.1V
Optimum Operating Current (Imp)	10.52A	10.60A	10.69A	10.77A	10.86A
Open-Circuit Voltage(Voc)	40.5V	40.7V	40.9V	41.1V	41.3V
Short-Circuit Current (Isc)	11.02A	11.10A	11.20A	11.28A	11.37A
Solar Module Efficiency (%)	19.2	19.5	19.8	20.0	20.3
Operating Temperature	-40to85°C				
Maximum System Voltage	DC1000/DC1500				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m ² ,Modules Temperature 25°C,AM=1.5					