

Photovoltaic Module

Polycrystalline36

KEY FEATURES



High module efficiency through superior manufacturing technology



No power loss thanks to improved temperature co-efficient caused by 3/4 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.

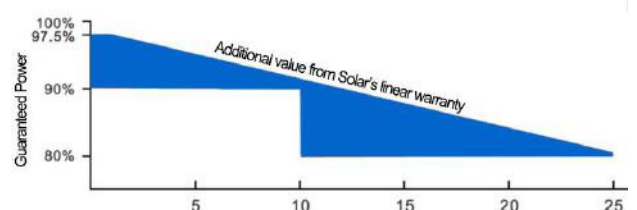


Certificates

- IEC61215, IEC61730, CQC, CE, TUV
- ISO9001:2008
- ISO14001:2004
- BSOHSAS18001:2007

Warranties

- 10 years product warranty
- 25 years power warranty



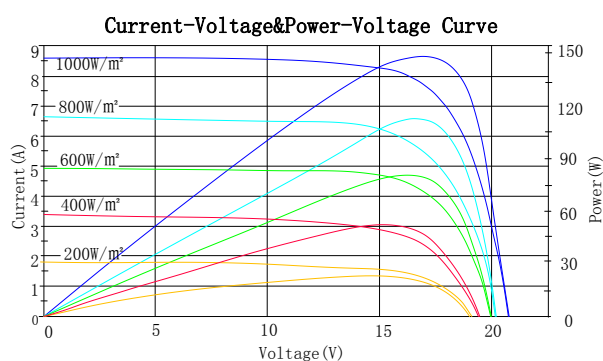
Electrical Characteristics

Model	JY-150P6	JY-155P6	JY-160P6	JY-165P6	JY-170P6
Maximum Power at STC(Pmax)	150W	155W	160W	165W	170W
Optimum Operating Voltage (Vmp)	17.84V	18.22V	18.27V	18.28V	18.35V
Optimum Operating Current (Imp)	8.41A	8.52A	8.81A	9.14A	9.52A
Open-Circuit Voltage (Voc)	22.32V	22.38V	22.14V	22.32V	22.38V
Short-Circuit Current (Isc)	8.96A	9.24A	9.52A	9.56A	9.93A
Solar Cell Efficiency (%)	17.46	18.05	18.60	18.90	19.8
Solar Module Efficiency (%)	15.06	15.56	16.50	16.70	17.30
Operating Temperature	-40to85℃				
Maximum System Voltage	DC1000				
Maximum Series Fuse Rating	15A				
Power Tolerance	0~+3%				
STC:Irradiance 1000W/m²,Modules Temperature 25℃,AM=1.5					

Temperature Coefficient and Mechanical Characteristics

Nominal Operating Cell Temperature (NOCT)	47℃+/-2℃
Temperature Coefficient of P _{max}	-0.47%/℃
Temperature Coefficient of V _{OC}	-0.346%/℃
Temperature Coefficient of I _{SC}	+0.036%/℃
Solar cell	Poly156*156mm
No.of cells	36 (4×9)
Dimensions	1480mm*673mm*30mm
Weight	11kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction box	PV--YH0906/PV-JB002
Connector	Plug and socket
Output cables	PV 4.0mm ² ,0.9m
1*20'	490pcs
1*40'	1050pcs
1*40'HQ	1260pcs

IV-Curves



Engineering Drawings

