

Features

- High conversion efficiency
- Positive power tolerance of 0~+3%
- Low degradation under light exposure
- Can withstand high wind-pressure, snow load and extreme temperature
- Pass IEC 61215 2400Pa mechanical load test

Quality and Safety

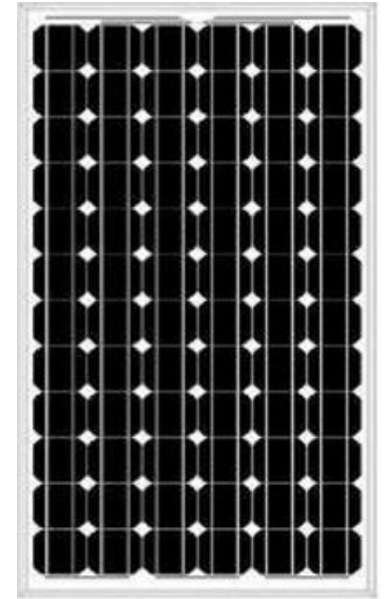
- 10-year product warranty on product materials and processing technology
- Power output warranty: 10 years: 90%, 25 years: 80%
- ISO 9001:2008 (Quality Management System) certified factory
- IEC61215, IEC61730, MCS CEC certified products
- TUV, CE conformity

Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power plants
- Off-grid system
- Off-grid industrial systems.

Specifications

Model Type	SY-200-M72	SY-205-M72
Peak Power (Pmax)	200	205
Maximum Power Voltage (Vmp)	38.71	38.38
Maximum Power Current (Imp)	5.17	5.38
Open Circuit Voltage (Voc)	45.20	45.86
Short Circuit Current (Isc)	5.53	5.72
Cells Efficiency (%)	18.48	18.94
Module Efficiency (%)	15.66	16.05
Maximum System Voltage (V)	1000	
Maximum Series Fuse Rating (A)	10	
Power Tolerance	0~+3%	
Pmax Temperature Coefficients (W/°C)	-0.47%	
Voc Temperature Coefficients (V/°C)	-0.38%	
Isc Temperature Coefficients (A/°C)	+0.04%	
NOCT Nominal Operating Cell Temperature (°C)	47±2	
Operating and Storage Temperature (°C)	-40~+85	
Standard Test Condition (STC)	1.000W/m ² ; AM 1.5; 25+/-2 °C	



Mechanical characteristics & Packaging

Cell Type	Mono-Crystalline 125x125mm
No. of Cells	72(6x12)
Dimensions	1580x808x35mm
Weight	15
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 rated
Output Cables	4mm ² Length 90cm, MC4 compatible connector
1x20'	14 pallets / 426 pcs
1x40'HQ	28 pallets / 924 pcs

Dimensions

