



Monocrystalline Solar Module---SSxxx-72M(Black)

SS190-72M

SS185-72M SS180-72M

SS175-72M



KEY FEATURES

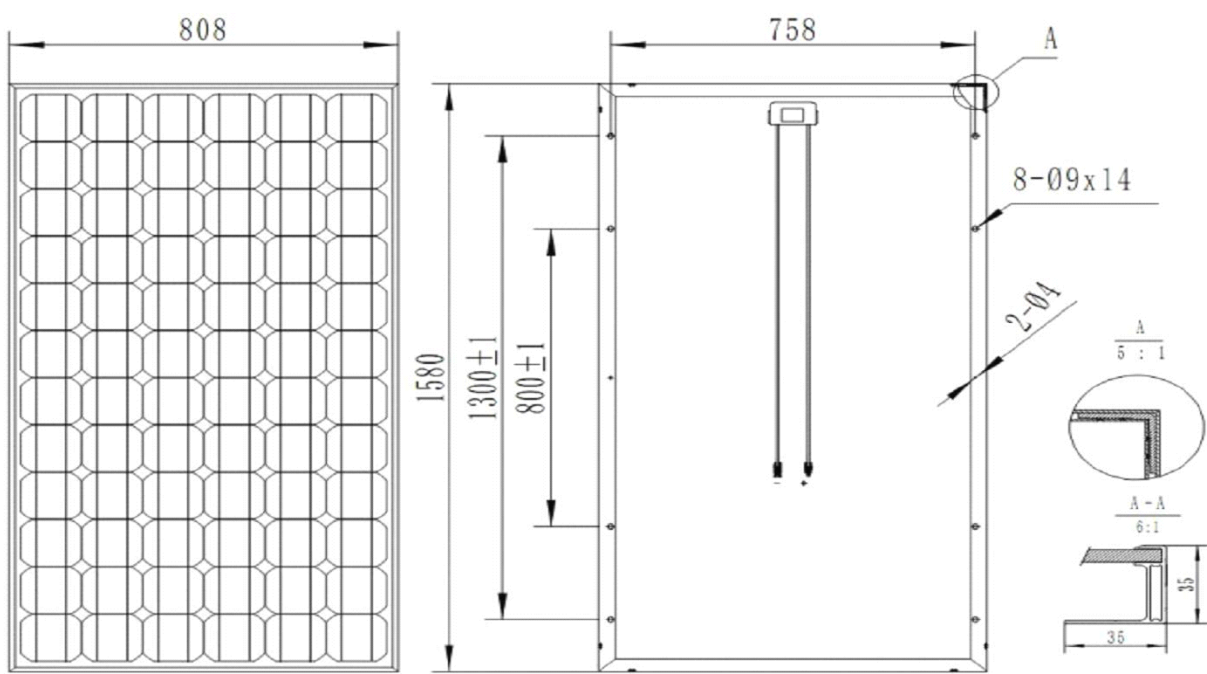
- Guaranteed positive tolerance 0/+5W ensures output reliability.
- Strong aluminum frames can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(morning evenings and cloudy days).
- 12 years for product defects in materials and workmanship and 25 years for 80% of warranted minimum power.
- Certifications and standards: IEC61215, IEC61730, conformity to CE.
- Manufactured according to International Quality(ISO9001).



Electrical Characteristics

All specified Parameters are at STC 25°C Ambient, 1000W/m² irradiance and AM 1.5

Type		SS175-72M(Black)	SS180-72M(Black)	SS185-72M(Black)	SS190-72M(Black)
Max-Power	Pm(W)	175	180	185	190
Module Power Range	(W)	180>Pm≥175	185>Pm≥180	190>Pm≥185	195>Pm≥190
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage	Vm(V)	35.6	36.0	36.3	36.7
Max-Power Current	Im(A)	4.92	5.01	5.10	5.18
Open-Circuit Voltage	Voc(V)	44.2	44.3	44.4	44.5
Short-Circuit Current	Isc(A)	5.28	5.38	5.48	5.59
Cell Efficiency	(%)	16.3	16.8	17.3	17.7
Module Efficiency	(%)	13.7	14.1	14.5	14.8
Max-System Voltage	(VDC)	1000V(IEC)			
Max.Series Fuse	(A)	10			
Pm Temperature Coefficients	(%/°C)	-0.4601			
Isc Temperature Coefficients	(%/°C)	0.0981			
Voc Temperature Coefficients	(%/°C)	-0.5186			
NOCT	Nominal Operating Cell Temperature	45±2°C			
Maximum load rating		5400Pa			



Packaging Configuration

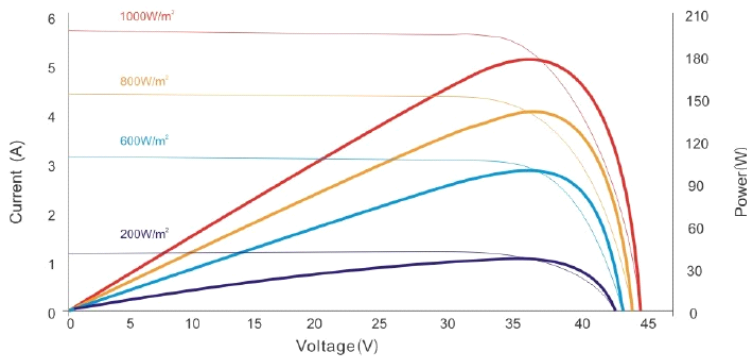
Packing Configuration	26 pcs/box
Quantity/Pallet	52 pcs/pallet
Loading Capacity	840 pcs/40ft(H)

Absolute Ratings

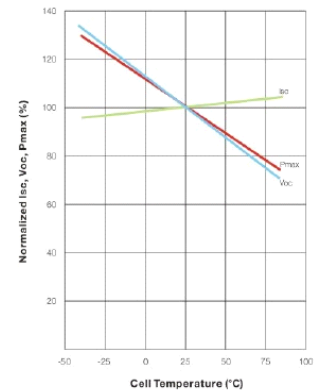
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

I-V Curves

I-V Curves at different Irradiances



Temperature Coefficients



I-V Curves at different Irradiances(AM1.5 25°C)

Specifications included in this datasheet are subject to change without prior notice

Mechanical Characteristics

Cable type, Diameter and Length	4mm ² , TUV certified, 900mm
Type of Connector	Compatible with 05-6 plug
Number, type and arrangement of cells	72pcs, Mono-Crystalline Silicon(6×12)
Cell Size (mm)	125×125(D165)
Dimension (mm)	1580×808×35
Weight (Kg)	15.5
No.of Draining Holes in Frame	10
Color of frame	Black
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm