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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Jiangyin Shine Science and Technology Co., Ltd.**

**SS260-60M**

**SS245-60M**

Also available on the web at  
[EnergyPal.com/jiangyin-shine-science-and-technology-co-ltd-solar-panels/ss245-60m](http://EnergyPal.com/jiangyin-shine-science-and-technology-co-ltd-solar-panels/ss245-60m)



# Monocrystalline Solar Module---SSxxx-60M

## SS260-60M

SS250-60M SS255-60M  
 SS245-60M SS240-60M  
 SS235-60M SS230-60M



### KEY FEATURES

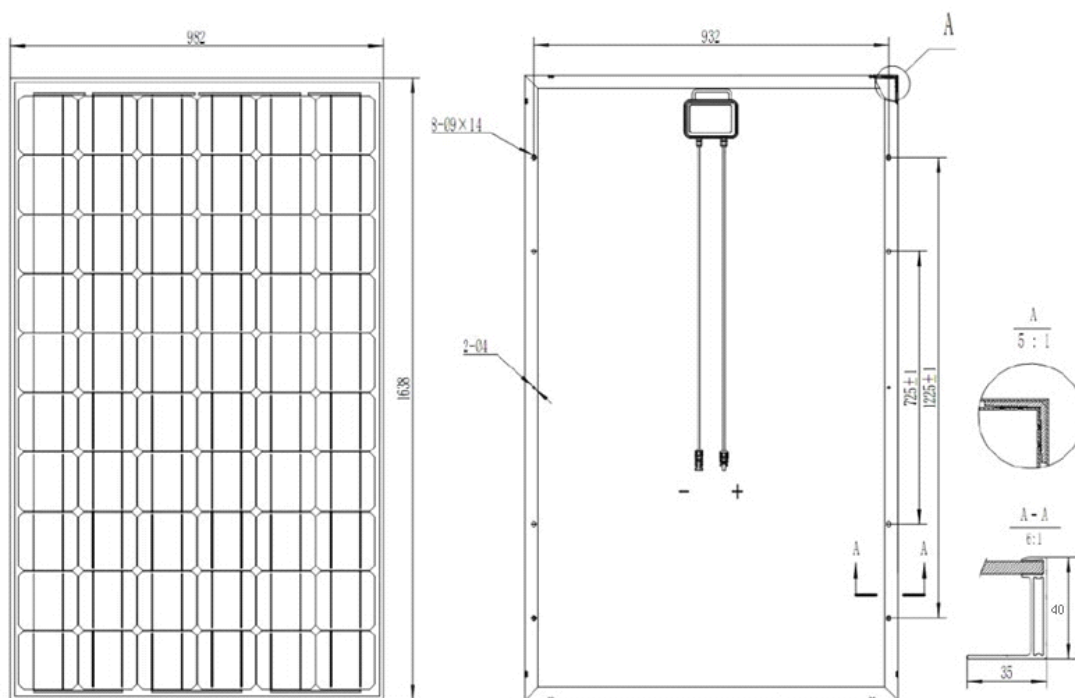
- Guaranteed positive tolerance 0/+5W ensures output reliability
- Strong aluminum frames can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(morning evenings and cloudy days).
- 12 years for product defects in materials and workmanship and 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/m<sup>2</sup> irradiance and AM 1.5

Type		SS230-60M	SS235-60M	SS240-60M	SS245-60M	SS250-60M	SS255-60M	SS260-60M
Max-Power	Pm(W)	230	235	240	245	250	255	260
Module Power Range	(W)	235>Pm≥230	240>Pm≥235	245>Pm≥240	250>Pm≥245	255>Pm≥250	260>Pm≥255	265>Pm≥260
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage	Vm(V)	30	30.1	30.2	30.3	30.4	30.5	30.6
Max-Power Current	Im(A)	7.67	7.81	7.95	8.09	8.23	8.37	8.5
Open-Circuit Voltage	Voc(V)	37.2	37.3	37.3	37.4	37.5	37.6	37.6
Short-Circuit Current	Isc(A)	8.18	8.3	8.43	8.55	8.68	8.81	8.94
Cell Efficiency	(%)	16.7	17.1	17.4	17.8	18.2	18.5	18.9
Module Efficiency	(%)	14.3	14.6	14.9	15.2	15.5	15.8	16.1
Max-System Voltage	(VDC)	1000V(IEC)						
Max.Series Fuse	(A)	15						
Pm Temperature Coefficients	(%/°C)	-0.4677						
Isc Temperature Coefficients	(%/°C)	0.0492						
Voc Temperature Coefficients	(%/°C)	-0.3374						
NOCT Nominal Operating Cell Temperature		45±2°C						
Maximum load rating		5400Pa						



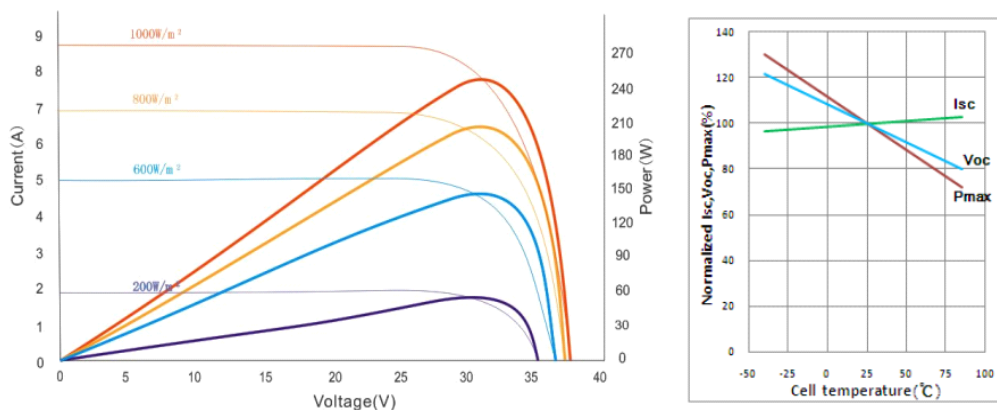
## Packaging Configuration

Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	728 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 (AM1.5 25°C)

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

## Mechanical Characteristics

Cable type, Diameter and Length	4mm <sup>2</sup> , TUV certified, 900mm
Type of Connector	Compatible with 05-6 plug
Number, type and arrangement of cells	60pcs, Mono-Crystalline Silicon(6×10)
Cell Size (mm)	156×156(D200)
Dimension (mm)	1638×982×40
Weight (Kg)	20
No.of Draining Holes in Frame	10
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm

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