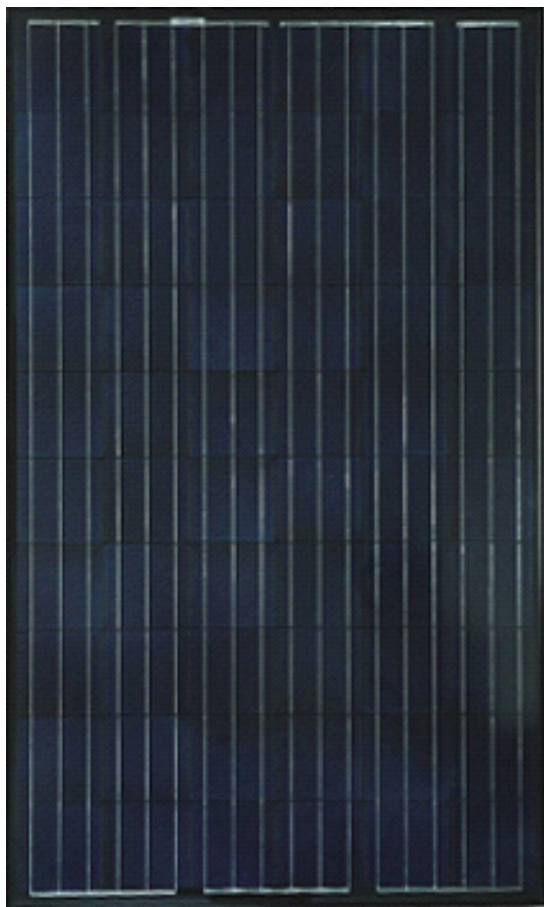




# Polycrystalline Solar Module---SSxxx-60P(Black)

## SS235-60P

SS230-60P SS225-60P



### KEY FEATURES

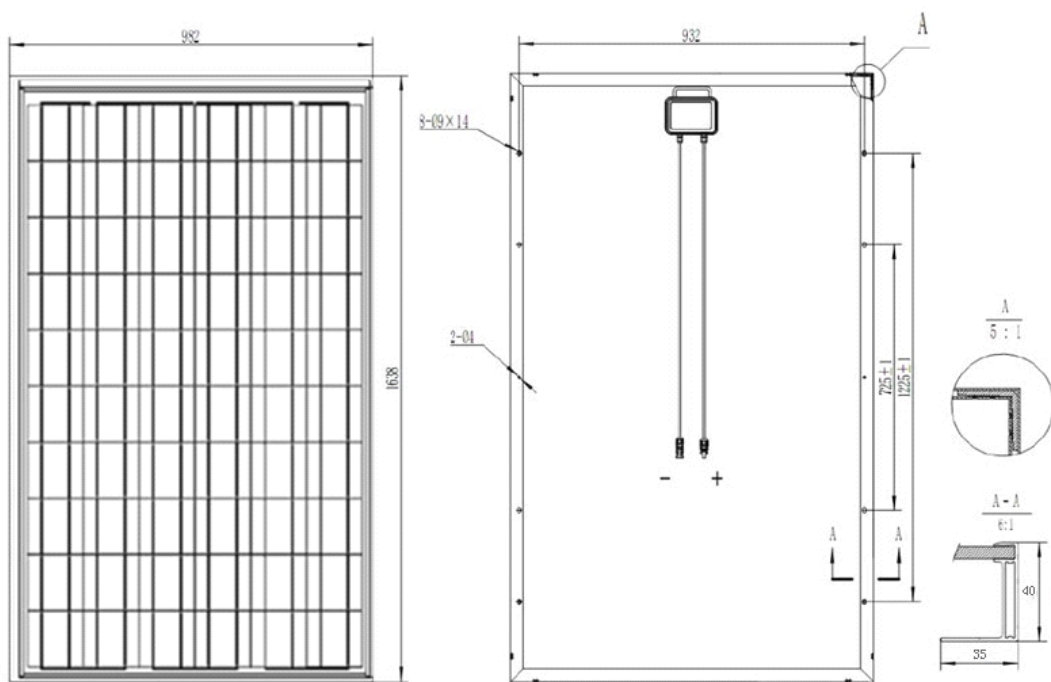
- Guaranteed positive tolerance 0/+5W ensures output reliability.
- Strong aluminum frames can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(morning evenings and cloudy days).
- 12 years for product defects in materials and workmanship 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		SS225-60P(Black)	SS230-60P(Black)	SS235-60P(Black)
Max-Power	Pm(W)	225	230	235
Module Power Range	(W)	230>Pm≥225	235>Pm≥230	240>Pm≥235
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5
Max-Power Voltage	Vm(V)	29.4	29.6	29.8
Max-Power Current	Im(A)	7.66	7.77	7.89
Open-Circuit Voltage	Voc(V)	36.6	36.7	36.7
Short-Circuit Current	Isc(A)	8.20	8.33	8.46
Cell Efficiency	(%)	15.7	16.0	16.4
Module Efficiency	(%)	14.0	14.3	14.6
Max-System Voltage	(VDC)	1000V(IEC)		
Max.Series Fuse	(A)	15		
Pm Temperature Coefficients	(%/°C)	-0.4336		
Isc Temperature Coefficients	(%/°C)	0.0825		
Voc Temperature Coefficients	(%/°C)	-0.4049		
NOCT	Nominal Operating Cell Temperature	45±2°C		
Maximum load rating		5400Pa		



## Packaging Configuration

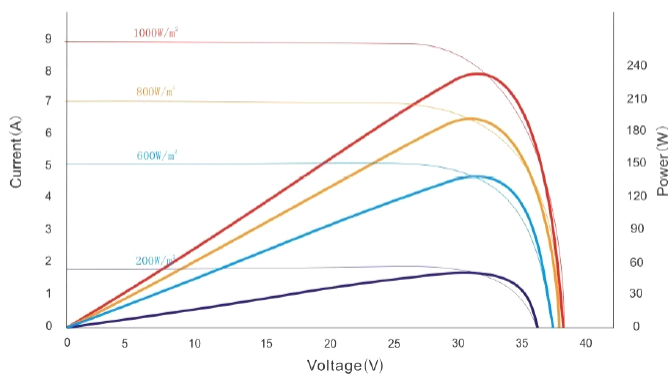
Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	728 pcs/40ft(H)

## Absolute Ratings

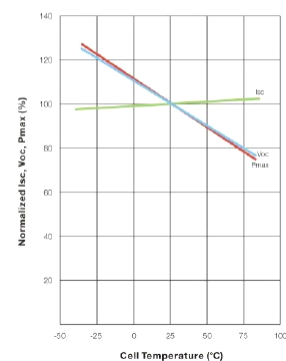
Dielectric Insulation Voltage	3000V
Operating Temperature (°C)	-40~+85
Storage Temperature (°C)	-40~+85

## I-V Curves

I-V Curves at different Irradiances



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 <sup>2</sup> , TUV certified, 900mm
Type of Connector	Compatible with 05-6 plug
Number, type and arrangement of cells	60pcs, Poly-Crystalline Silicon(6×10)
Cell Size (mm)	156×156
Dimension (mm)	1638×982×40
Weight (Kg)	19
No.of Draining Holes in Frame	10
Color of frame	Black
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm