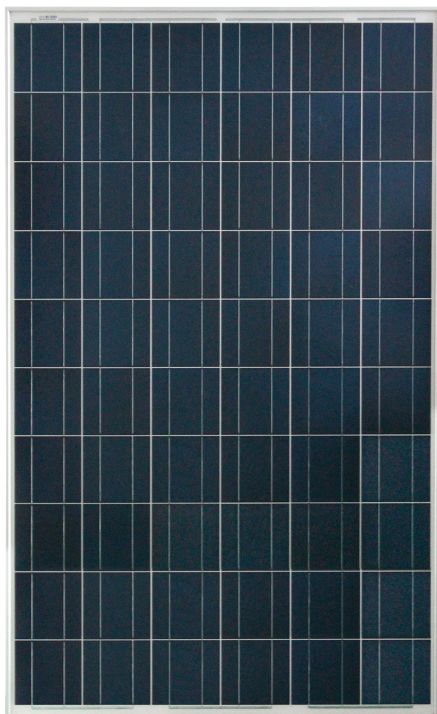




Polycrystalline Solar Module---SSxxx-60P

SS245-60P

SS240-60P SS235-60P
SS230-60P SS225-60P



KEY FEATURES

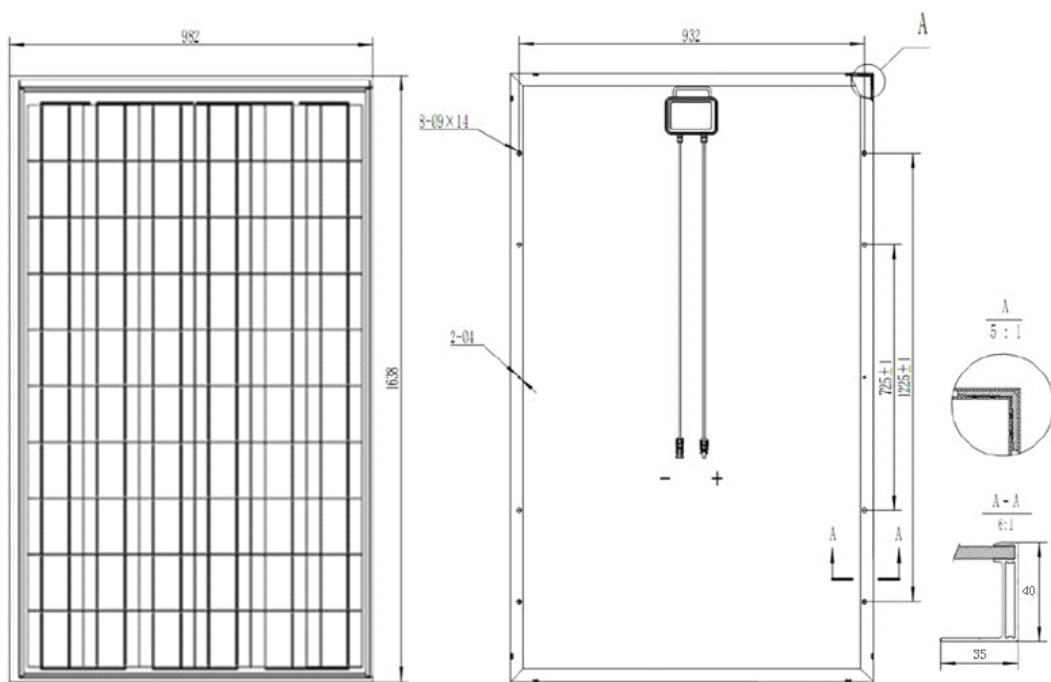
- Guaranteed positive tolerance 0/+5W ensures output reliability
- Strong aluminum frames can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(morning evenings and cloudy days).
- 12 years for product defects in materials and workmanship and 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/m² irradiance and AM 1.5

Type		SS225-60P	SS230-60P	SS235-60P	SS240-60P	SS245-60P
Max-Power	Pm(W)	225	230	235	240	245
Module Power Range	(W)	230>Pm≥225	235>Pm≥230	240>Pm≥235	245>Pm≥240	250>Pm≥245
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage	Vm(V)	29.4	29.6	29.8	30.0	30.2
Max-Power Current	Im(A)	7.66	7.77	7.89	8.01	8.12
Open-Circuit Voltage	Voc(V)	36.6	36.7	36.7	36.8	36.8
Short-Circuit Current	Isc(A)	8.20	8.33	8.46	8.60	8.74
Cell Efficiency	(%)	15.7	16.0	16.4	16.8	17.1
Module Efficiency	(%)	14.0	14.3	14.6	14.9	15.2
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				



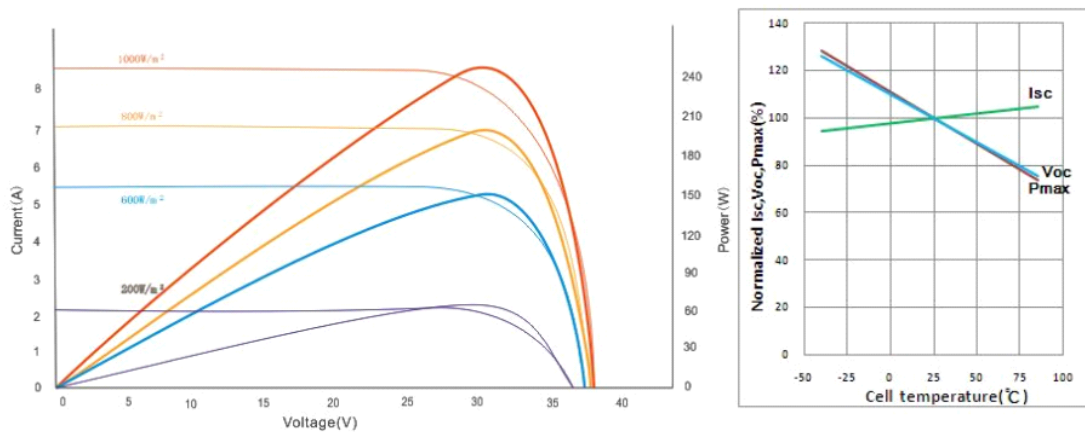
Packaging Configuration

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 (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	60pcs, Poly-Crystalline Silicon(6×10)
Cell Size (mm)	156×156
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