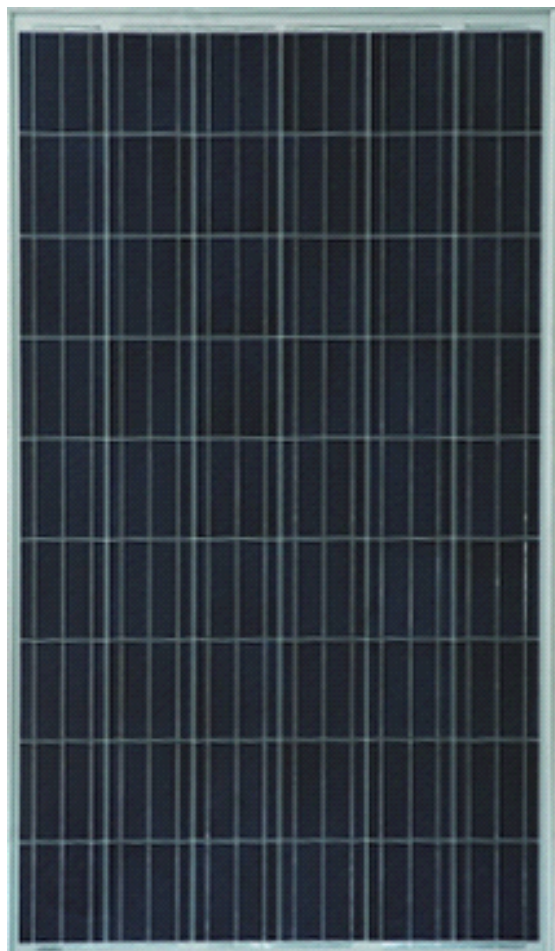




Polycrystalline Solar Module---SSxxx-54P

SS225-54P

SS220-54P SS215-54P
SS210-54P



KEY FEATURES

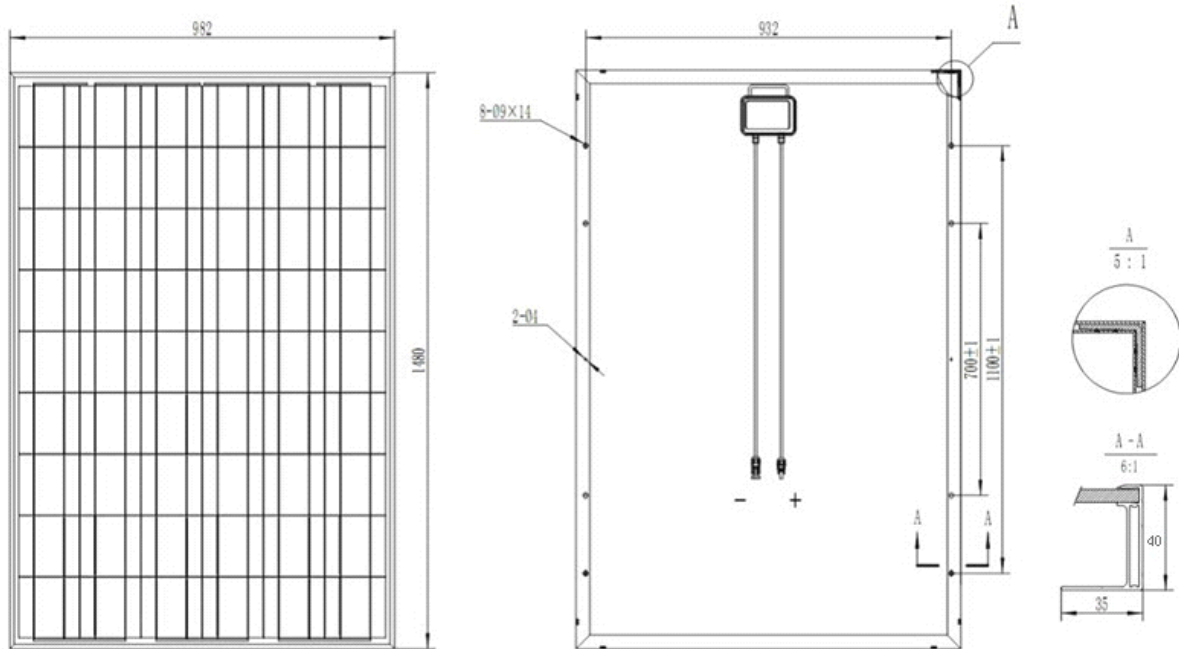
- Guaranteed positive tolerance 0/+5W ensures output reliability.
- Strong aluminum frames can bear snow loads up to 5400Pa and wind loads up to 2400Pa.
- Excellent performance under low light environments(morning evenings and cloudy days).
- 12 years for product defects in materials and workmanship 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		SS210-54P	SS215-54P	SS220-54P	SS225-54P
Max-Power	Pm(W)	210	215	220	225
Module Power Range	(W)	215>Pm≥210	220>Pm≥215	225>Pm≥220	230>Pm≥225
Power Tolerance	(W)	+0~+5	+0~+5	+0~+5	+0~+5
Max-Power Voltage	Vm(V)	27.6	27.9	28.2	28.6
Max-Power Current	Im(A)	7.6	7.7	7.8	7.85
Open-Circuit Voltage	Voc(V)	33.0	33.3	33.7	33.9
Short-Circuit Current	Isc(A)	8.48	8.6	8.7	8.85
Cell Efficiency	(%)	16.3	16.7	17.1	17.5
Module Efficiency	(%)	14.4	14.8	15.1	15.5
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			



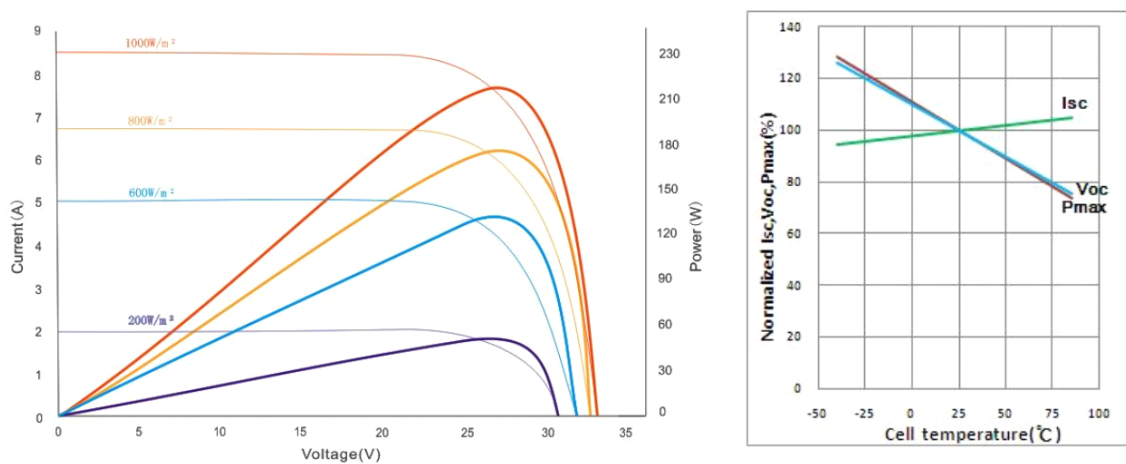
Packaging Configuration

Packing Configuration	24 pcs/box
Quantity/Pallet	48 pcs/pallet
Loading Capacity	780 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	54Pcs, Poly-Crystalline Silicon(6×10)
Cell Size (mm)	156×156
Dimension (mm)	1480×982×40
Weight (Kg)	17
No.of Draining Holes in Frame	10
Glass, Type and Thickness	High Transmission, Low Iron, Tempered Glass 3.2mm

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