

SWXXM2

150-170Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3

IEC 61730



KEY FEATURES



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Power Output:

Polycrystalline 36-cell module achieves a power output up to 170Wp.



PID RESISTANT:

Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.



Durability against extreme environmental conditions:

High salt mist and ammonia resistance

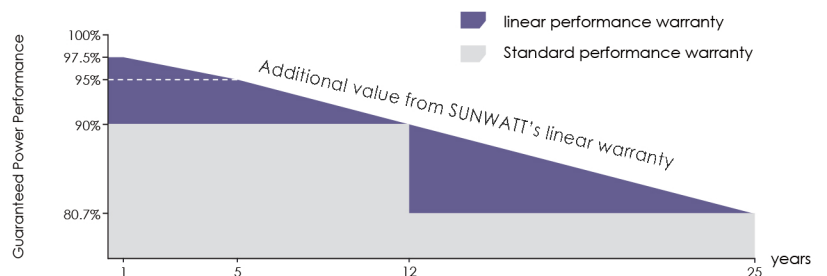


Temperature Coefficient:

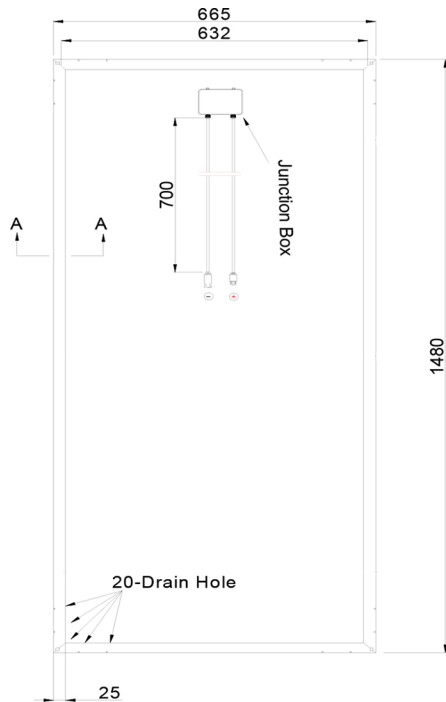
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

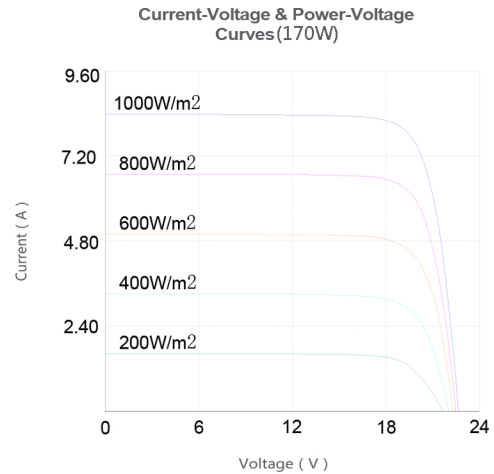


Packaging Configuration

(Two pallets=One stack)

35pcs/pallet, 70pcs/stack, 1575pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 157×157mm
No. of cells	36 (4 x 9)
Dimensions	665 x 1480 x 30 mm
Weight	10.6 kg
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TUV 1×4.0mm ² , Length: 700mm or Customized Length

SPECIFICATIONS

Module Type	SW165M2	SW170M2
	STC	STC
Maximum Power (Pmax)	165W	170W
Maximum Power Voltage (Vmp)	19.11V	19.29V
Maximum Power Current (Imp)	8.64A	8.82A
Open-circuit Voltage (Voc)	23.40V	23.76V
Short-circuit Current (Isc)	9.07A	9.21A
Module Efficiency STC (%)	16.75%	17.27%
Operating Temperature(°C)	-40°C~+85°C	
Maximum system voltage	1000VDC (IEC)	
Maximum series fuse rating	15A	
Power tolerance	0~+3	
Temperature coefficients of Pmax	-0.398%/°C	
Temperature coefficients of Voc	-0.340%/°C	
Temperature coefficients of Isc	0.0576%/°C	
Nominal operating cell temperature (NOCT)	45±2°C	

STC: ☀ Irradiance 1000W/m² 📏 Cell Temperature 25°C

☁ AM=1.5

NOCT: ☀ Irradiance 800W/m² 📏 Ambient Temperature 20°C

☁ AM=1.5

🌀 Wind Speed 1m/s

* Power measurement tolerance: ± 3