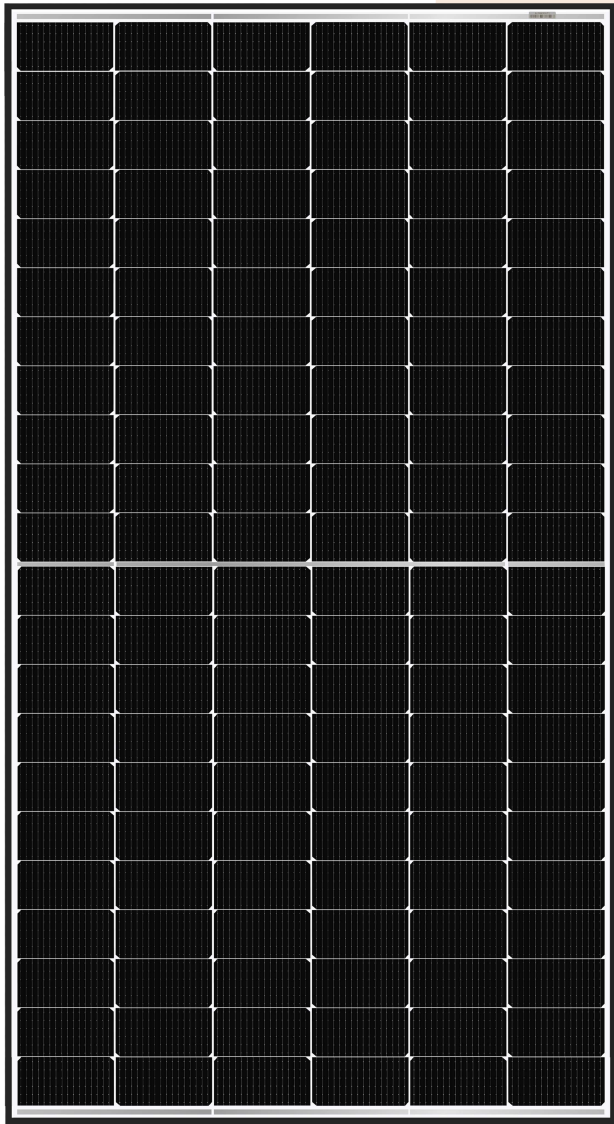




 **DXM8-66H**

N Mono

DXM8-66H 550W

DXM8-66H 555W

Classic TOPCon Module



Super Multi-Busbar Technology

Sub-millimeter level Precision welding reduces cell crack and micro-cracks, enhancing durability and performance.

Low Degradation

N-TOPCon technology extends a 30 years linear performance warranty, safeguarding consumers' ROI.

Engineered for Extremes

Third party tested for 2400Pa back and 5400Pa front loads; resistant to damp heat.

Tech Specs:

	STC	
Rated Power(Pmax):	550W	555W
Maximum Power (Pmax):	550W	555W
Rated Voltage at Pmax (Vmp):	39.3V	39.4V
Rated Current at Pmax (Imp):	13.99A	14.09A
Open-Circuit Voltage (Voc±3.5%):	47.8V	48.0V
Short-Circuit Current (Isc±5.0%):	14.62A	14.69A
Module Efficiency (nm):	23.2%	23.4%
Maximum System Voltage:	1500VDC	
Safety Class:	Class II	
Fire Resistance Class:	Class C	
Maximum Over-Current Rating:	25A	
Operating Temperature:	85% Rh, -40℃ ~ +85℃	
Mechanical Load (Front):	+5400Pa	
Mechanical Load (Back):	-2400Pa	
Maximum Hailstone Impact (Impact Velocity @23m/s):	25mm	
Power Sorting Tolerance:	± 5W	
Power Measurement Tolerance:	± 3.5%	

	NOCT	
Rated Power(Pmax):	550W	555W
Maximum Power (Pmax):	413.68W	417.44W
Rated Voltage at Pmax (Vmp):	36.94V	37.03V
Rated Current at Pmax (Imp):	11.21A	11.28A
Open-Circuit Voltage (Voc±3.5%):	45.36V	45.55V
Short-Circuit Current (Isc±5.0%):	11.82A	11.87A

- STC: Irradiance 1000W/m², Cell Temperature 25℃, Air Mass AM1.5 (According to EN60904-3)
- NOCT: Irradiance 800W/m², Ambient Temperature 20℃, Wind Speed 1 m/s
- Average efficiency reduction or 4.5% at 200W/m² according to EN60904-1

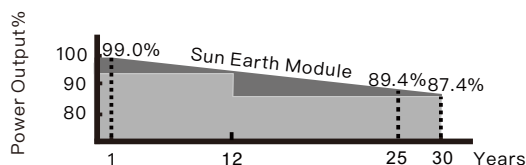
[T98] max value: 70 degrees Celsius

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/3.2mm
Cell:	132Pieces mono-crystalline n-type solar cell
Anodised Aluminum Alloy Frame:	● Silver ● Black
Junction Box:	Protection rating IP68
Cable:	4mm ² PV cable
Cable Length:	(+):400mm, (-):300mm; or customised
Connector Manufacturer:	Zhejiang Forsol Energy Co., Ltd
Connector Model Number:	FC4-4
Dimension(L*W*H):	2094 × 1134 × 30mm
Weight:	25.0 ± 3%kg
Country of manufacturer:	China

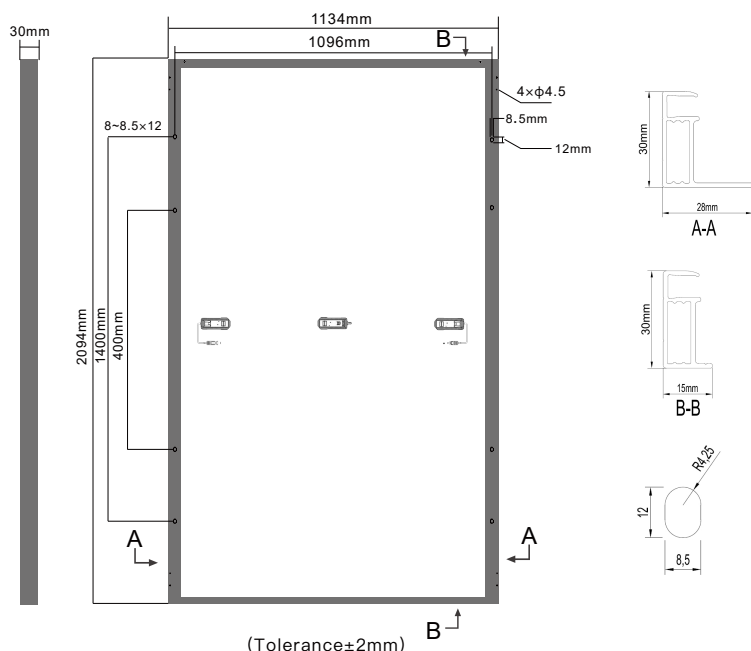
Packaging:

Container:	36 pcs/pallets, 72 pcs/stack, 792 pcs/ 40'HQ Container
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*Please refer to Sun Earth Product Warranty for details

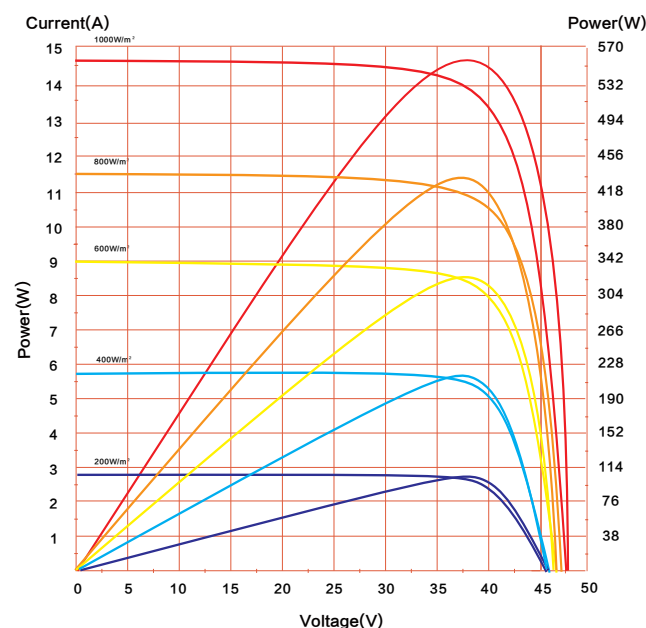
Dimensions



Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45 ± 2℃
Temperature Coefficient of Pmax (vPmp):	-0.29%/℃
Temperature Coefficient of Voc (BVoc):	-0.23%/℃
Temperature Coefficient of Isc (alsc):	+0.04%/℃

I-V Curve (510-555W)



Temperature Dependence of Isc, Voc, Pmax

