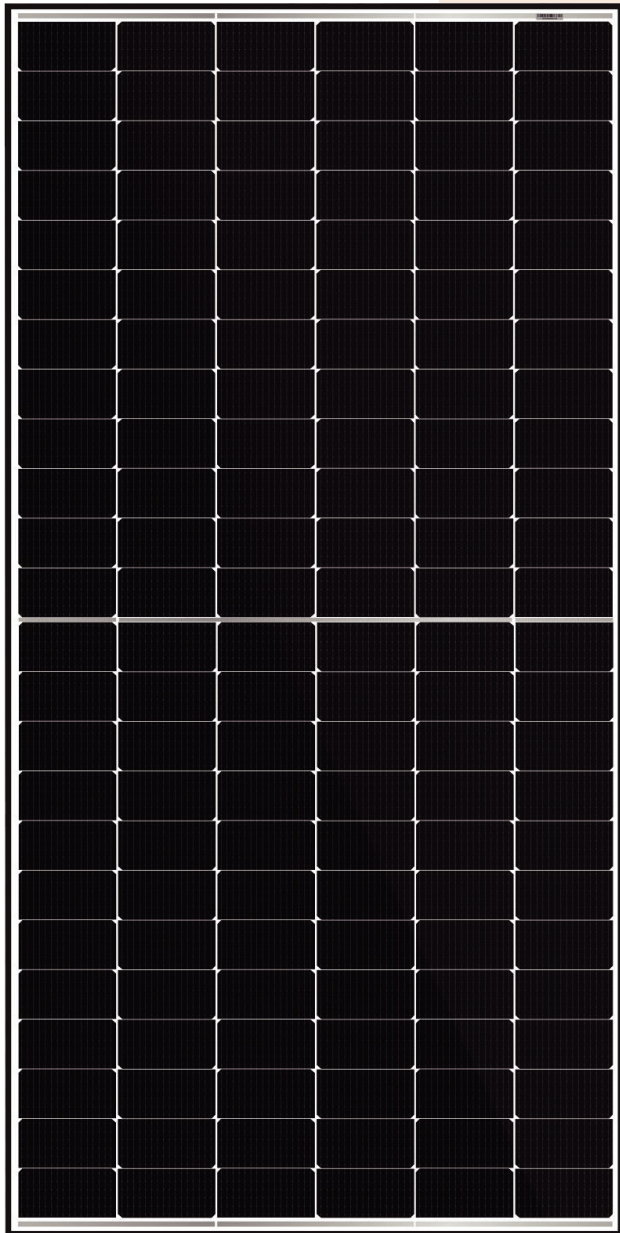




DXM8-72H

N Mono

DXM8-72H 590W

DXM8-72H 600W

DXM8-72H 610W

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(P _{max}):	590W	600W	610W
Maximum Power (P _{max}):	590W	600W	610W
Rated Voltage at P _{max} (V _{mp}):	42.7V	42.9V	43.1V
Rated Current at P _{max} (I _{mp}):	13.82A	13.99A	14.15A
Open-Circuit Voltage (V _{oc} ± 3.5%):	51.7V	52.1V	52.5V
Short-Circuit Current (I _{sc} ± 5.0%):	14.52A	14.64A	14.76A
Module Efficiency (nm):	22.8%	23.2%	23.6%
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		
	590W	600W	610W
	443.77W	451.29W	458.81W
	40.13V	40.32V	40.51V
	11.07A	11.20A	11.34A
	49.06V	49.44V	49.81V
	11.73A	11.83A	11.93A

- STC: Irradiance 1000W/m², Cell Temperature 25℃, Air Mass AM1.5 (According to E N60904-3)
- 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

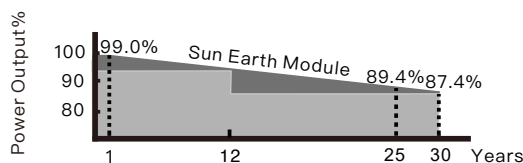
[T98] max value: 70 degrees Celsius

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/3.2mm
Cell:	144Pieces 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):	2278 × 1134 × 30mm
Weight:	27.0 ± 3%kg
Country of manufacturer:	China

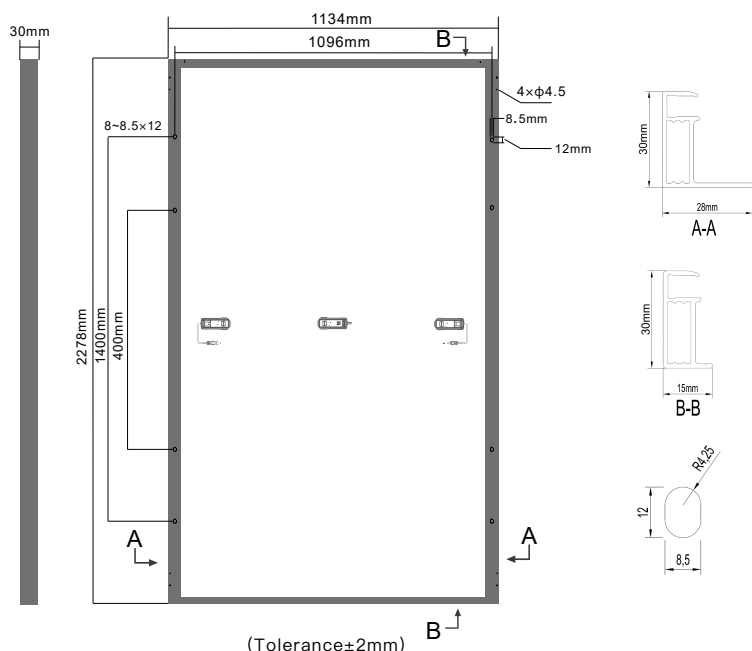
Packaging:

Container:	36 pcs/pallets, 72 pcs/stack, 720 pcs/ 40'HQ Container
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*Please refer to Sun Earth Product Warranty for details

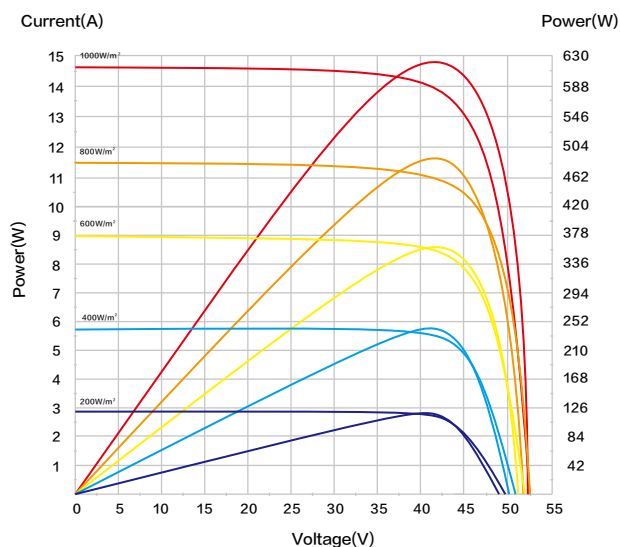
Dimensions



Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT):	45 ± 2℃
Temperature Coefficient of P _{max} (vP _{mp}):	-0.29%/℃
Temperature Coefficient of V _{oc} (BV _{oc}):	-0.23%/℃
Temperature Coefficient of I _{sc} (aI _{sc}):	+0.04%/℃

I-V Curve (560-610W)



Temperature Dependence of I_{sc}, V_{oc}, P_{max}

