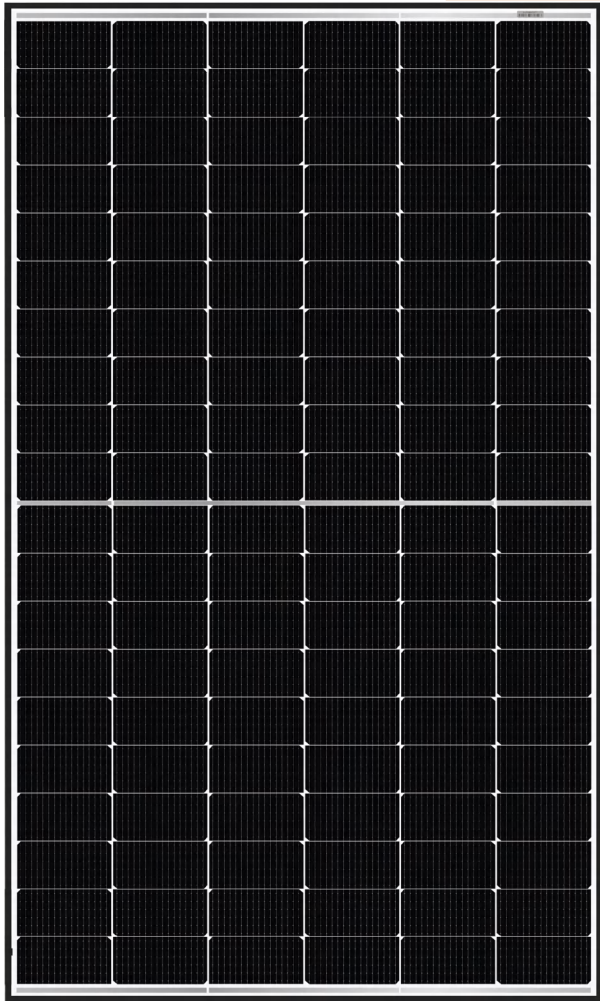




DXM8-60H

N Mono

DXM8-60H 490W

DXM8-60H 500W

DXM8-60H 505W

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}):	490W	500W	505W
Maximum Power (P _{max}):	490W	500W	505W
Rated Voltage at P _{max} (V _{mp}):	35.6V	35.8V	35.9V
Rated Current at P _{max} (I _{mp}):	13.76A	13.97A	14.07A
Open-Circuit Voltage (V _{oc} ± 3.5%):	43.0V	43.4V	43.6V
Short-Circuit Current (I _{sc} ± 5.0%):	14.49A	14.63A	14.70A
Module Efficiency (nm):	22.6%	23.1%	23.3%
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		
	490W	500W	505W
	368.55W	376.07W	379.84W
	33.46V	33.65V	33.74V
	11.03A	11.19A	11.27A
	40.80V	41.18V	41.37V
	11.71A	11.82A	11.88A

- 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

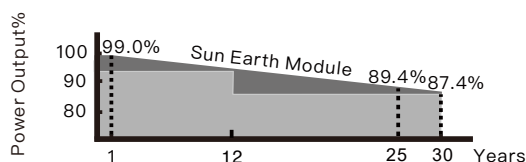
[T98] max value: 70 degrees Celsius

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/3.2mm
Cell:	120Pieces 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) :	1908×1134×30mm
Weight:	22.5±3%kg
Country of manufacturer:	China

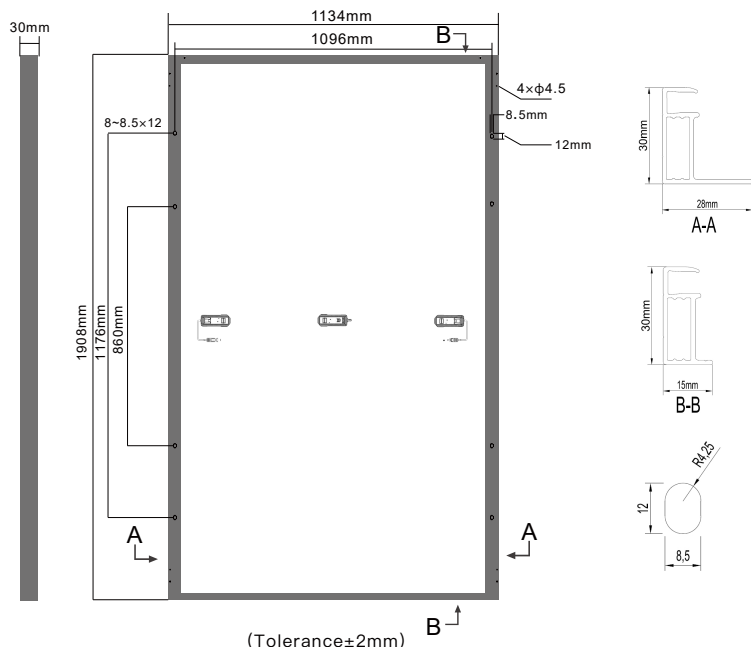
Packaging:

Container:	36 pcs/pallets, 72 pcs/stack, 864 pcs/ 40'HQ Container
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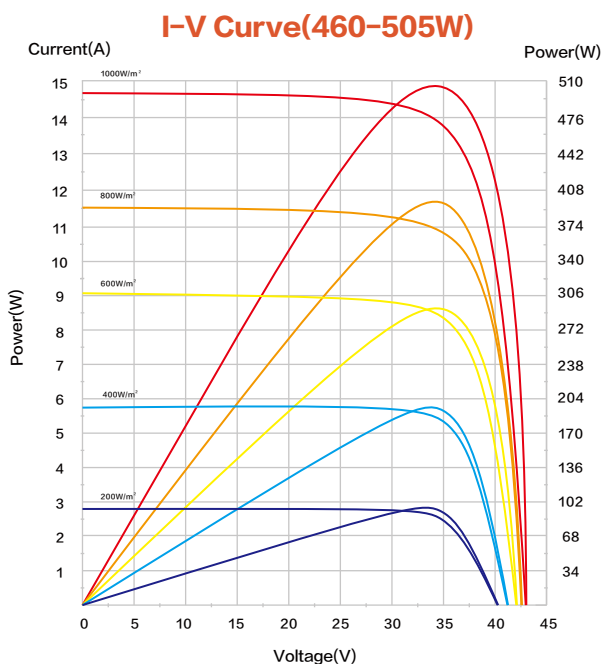
*Please refer to Sun Earth Product Warranty for details

Demensions



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%/℃



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

