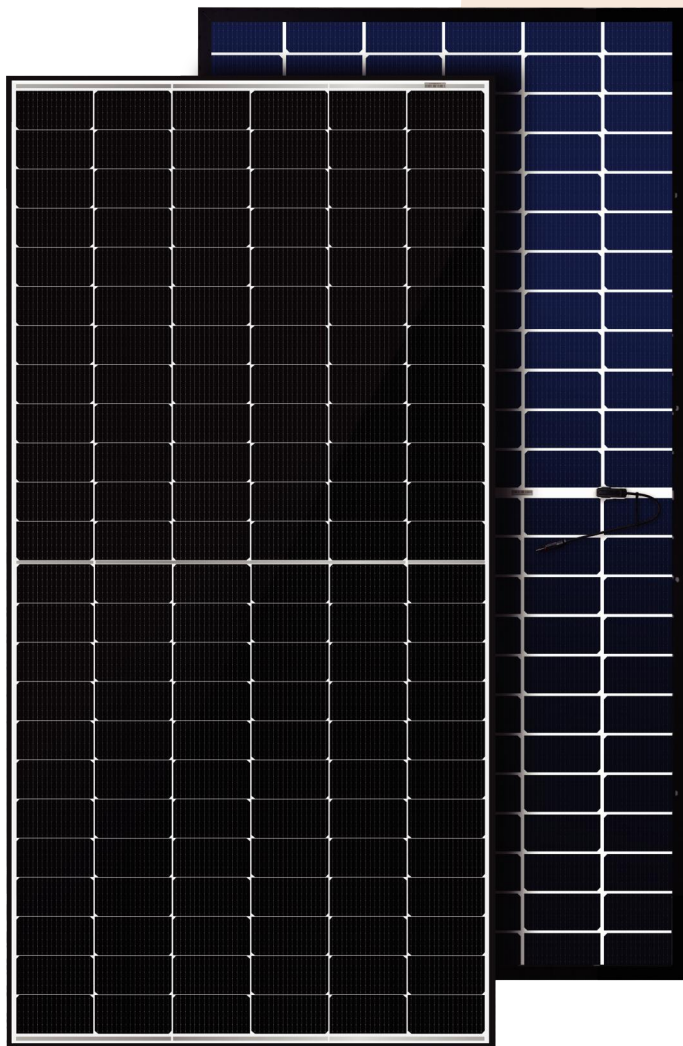




 **DXM8-72HBG**

N Dual Glass
560W~610W

**Bifacial TOPCon Module
with Dual Glass**



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-year linear performance warranty, safeguarding consumers' ROI.

Engineered for Extremes

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

PID Free

Guaranteed no Potential Induced Degradation, ensuring consistent performance.

Fire Safety Certified

Module certificated for Class A Fire Resistance Rating (UL 790) for superior safety.

Bi-facial Power

Achieves up to 15% additional back side power gain with excellent temperature efficiency.

Tech Specs:

	STC					
Rated Power(Pmax):	560W	570W	580W	590W	600W	610W
Maximum Power (Pmax):	560W	570W	580W	590W	600W	610W
Rated Voltage at Pmax (Vmp):	42.1V	42.3V	42.5V	42.7V	42.9V	43.1V
Rated Current at Pmax (Imp):	13.30A	13.48A	13.65A	13.82A	13.99A	14.15A
Open-Circuit Voltage (Voc):	50.5V	50.9V	51.3V	51.7V	52.1V	52.5V
Short-Circuit Current (Isc):	14.11A	14.25A	14.39A	14.52A	14.64A	14.76A
Module Efficiency (nm):	21.7%	22.1%	22.5%	22.8%	23.2%	23.6%
Maximum System Voltage:	1500VDC					
Application Class:	Class A					
Fire Resistance Class:	Class A					
Maximum Over-Current Rating:	30A					
Operating Temperature:	85% Rh, -40℃ ~ +85℃					
Maximum Snow Loads(Front):	5400Pa					
Maximum Wind Loads (Front&Back) :	2400Pa					
Maximum Hailstone Impact (Impact Velocity @ 23m/s):	25mm					

BNPI					
560W	570W	580W	590W	600W	610W
616W	627W	638W	651W	662W	673W
42.37V	42.55V	42.73V	42.91V	43.10V	43.26V
14.54A	14.74A	14.93A	15.17A	15.36A	15.56A
50.59V	50.83V	51.08V	51.34V	51.58V	51.79V
14.48A	15.70A	15.92A	16.16A	16.39A	16.58A

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

· BNPI: Irradiance: front 1000W/m², rear 135W/m², Cell Temperature 25℃, AM=1.5

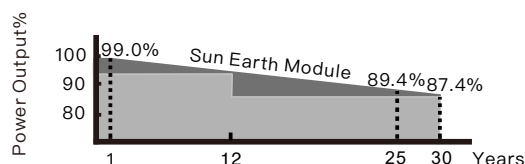
· Average efficiency reduction or 4.5% at 200W/m² according to EN60904-1

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/2.0mm
Back Cover:	Heat Strengthened Glass/2.0mm
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:	Protection rating IP68
Dimension(L*W*H) :	2278 × 1134 × 30mm
Weight:	32.0 ± 3%kg

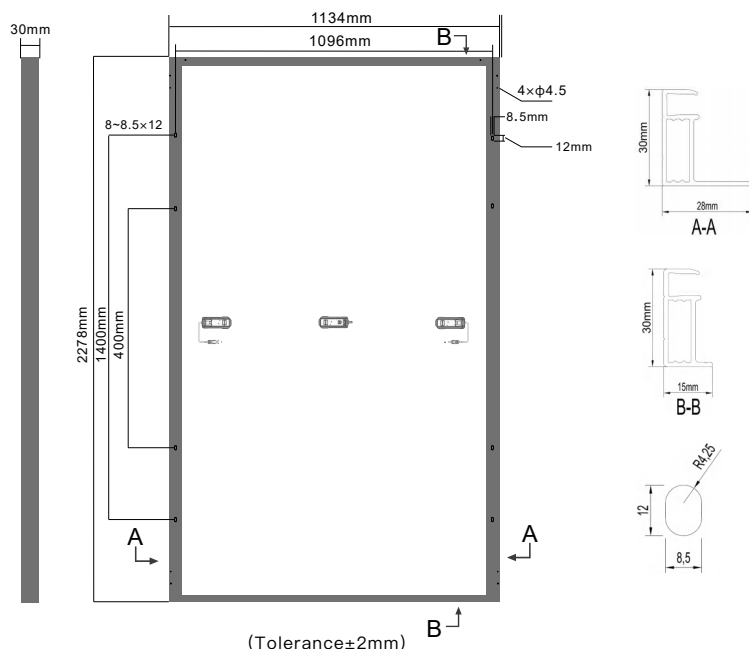
Packaging:

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

Demensions



Thermal Characteristics:

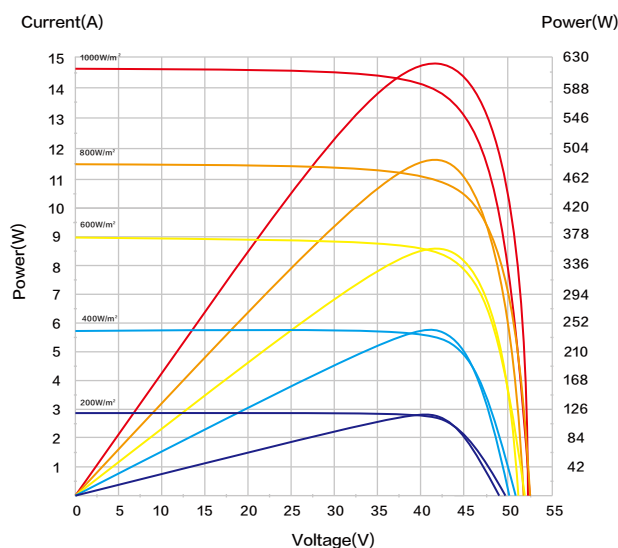
Bifaciality Coefficient: ϕ Voc: 99 ± 5%, ϕ Isc: 80 ± 5%, ϕ Pmax: 80 ± 10%

Temperature Coefficient of Pmax (vPmp): -0.29%/℃

Temperature Coefficient of Voc (BVoc): -0.23%/℃

Temperature Coefficient of Isc (alsc): +0.04%/℃

I-V Curve (560-610W)



Temperature Dependence of Isc, Voc, Pmax

