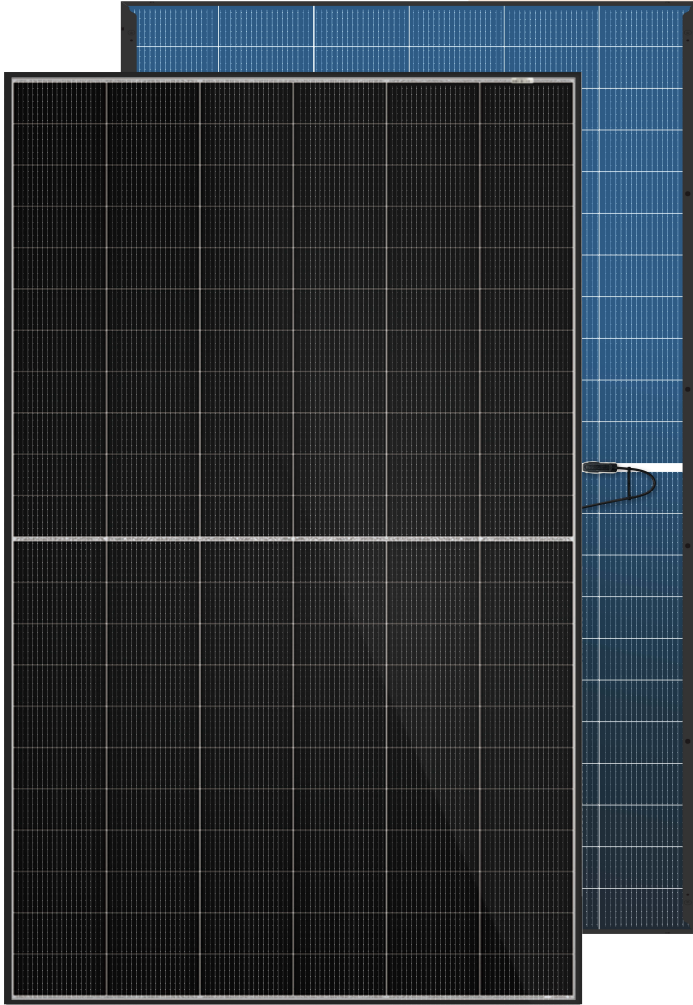




 **DXM12-66HBG**

N Dual Glass
700W~740W

**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 C 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):	700W	705W	710W	720W	730W	740W
Maximum Power (Pmax):	700W	705W	710W	720W	730W	740W
Rated Voltage at Pmax (Vmp):	41.20V	41.40V	41.60V	42.00V	42.40V	42.80V
Rated Current at Pmax (Imp):	16.99A	17.03A	17.07A	17.15A	17.22A	17.29A
Open-Circuit Voltage (Voc):	48.87V	49.04V	49.21V	49.65V	49.99V	50.33V
Short-Circuit Current (Isc):	18.03A	18.06A	18.09A	18.15A	18.21A	18.27A
Module Efficiency (nm):	22.5%	22.7%	22.9%	23.2%	23.5%	23.8%
Maximum System Voltage:	1500VDC					
Protection Class:	Class II					
Fire Resistance Class:	Class C					
Maximum Over-Current Rating:	35A					
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					
Rated Power(Pmax):	700W	705W	710W	720W	730W	740W
Maximum Power (Pmax):	772W	778W	783W	794W	805W	816W
Rated Voltage at Pmax (Vmp):	41.19V	41.39V	41.59V	41.99V	42.39V	42.79V
Rated Current at Pmax (Imp):	18.76A	18.80A	18.85A	18.94A	19.01A	19.09A
Open-Circuit Voltage (Voc):	48.85V	49.02V	49.19V	49.63V	49.97V	50.31V
Short-Circuit Current (Isc):	19.92A	19.95A	19.99A	20.05A	20.12A	20.18A

· 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

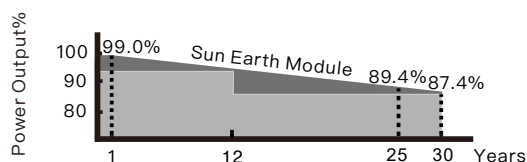
· Average efficiency reduction or 4.5% at 200W/m² according to EN60904-1

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/2.0mm
Back Cover:	Heat Strengthened Glass/2.0mm
Cell:	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:	Protection rating IP68
Dimension(L*W*H) :	2384 × 1303 × 30mm
Weight:	38.0 ± 3%kg

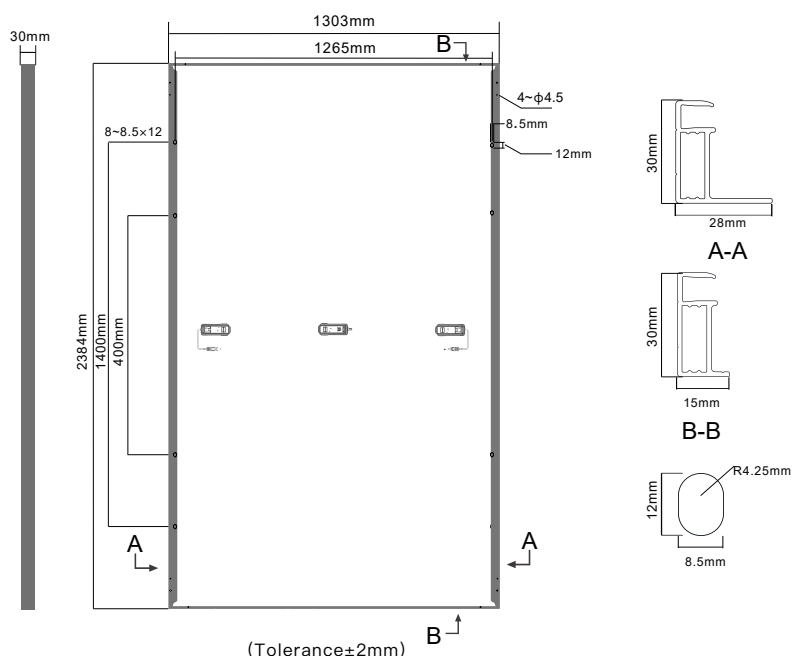
Packaging:

Container:	36 pcs/pallets, 648 pcs/ 40'HQ Container
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*Please refer to Sun Earth Product Warranty for details

Dimensions



Thermal Characteristics:

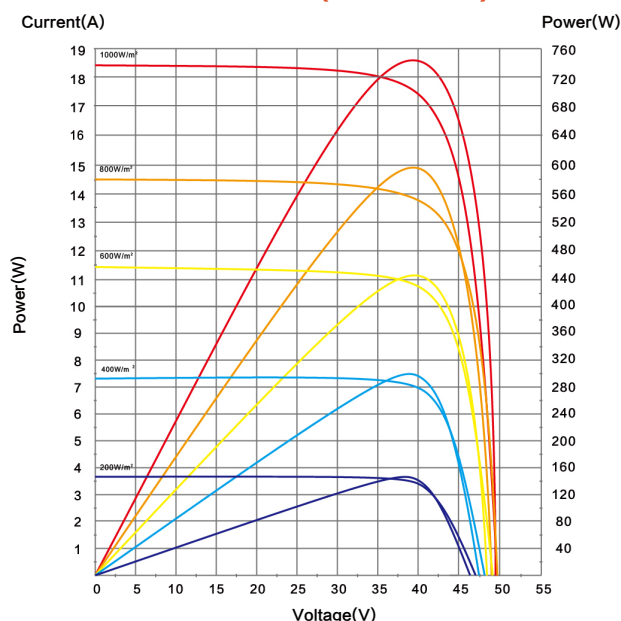
Bifaciality Coefficient: ϕ Voc: 99 ± 5%, ϕ Isc: 80 ± 10%, ϕ Pmax: 80 ± 10%

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

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

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

I-V Curve (700-740W)



Temperature Dependence of Isc, Voc, Pmax

