



 DXM10-66HBG

N Dual Glass
600W~650W

**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):	600W	610W	620W	630W	640W	650W
Maximum Power (Pmax):	600W	610W	620W	630W	640W	650W
Rated Voltage at Pmax (Vmp):	41.10V	41.50V	41.90V	42.30V	42.70V	43.10V
Rated Current at Pmax (Imp):	14.60A	14.70A	14.80A	14.90A	14.99A	15.09A
Open-Circuit Voltage (Voc):	48.50V	48.90V	49.30V	49.70V	50.10V	50.50V
Short-Circuit Current (Isc):	15.64A	15.70A	15.76A	15.81A	15.87A	15.93A
Module Efficiency (nm):	22.2%	22.6%	23.0%	23.3%	23.7%	24.1%
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):	600W	610W	620W	630W	640W	650W
Maximum Power (Pmax):	662W	673W	684W	695W	706W	717W
Rated Voltage at Pmax (Vmp):	41.09V	41.49V	41.89V	42.29V	42.69V	43.09V
Rated Current at Pmax (Imp):	16.12A	16.23A	16.34A	16.45A	16.55A	16.66A
Open-Circuit Voltage (Voc):	48.48V	48.88V	49.28V	49.68V	50.08V	50.48V
Short-Circuit Current (Isc):	17.28A	17.35A	17.41A	17.47A	17.53A	17.60A

· 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

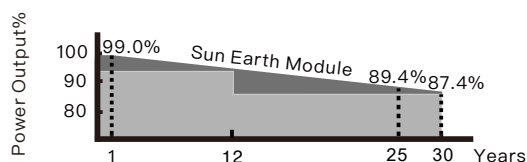
· Average efficiency reduction or 4.5% at 200W/m² according to EN60904-1

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) :	2382×1134×30mm
Weight:	33.0±3%kg

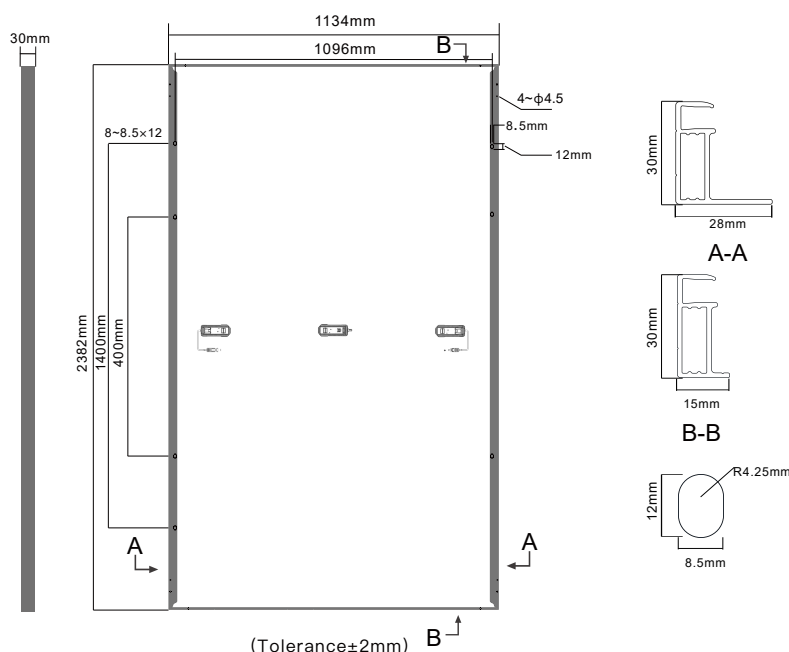
Packaging:

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

Dimensions



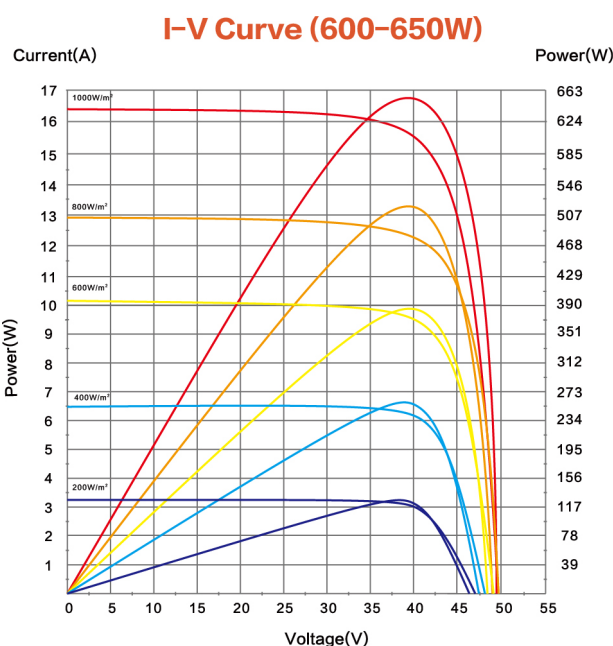
Thermal Characteristics:

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%/℃



Temperature Dependence of Isc, Voc, Pmax

