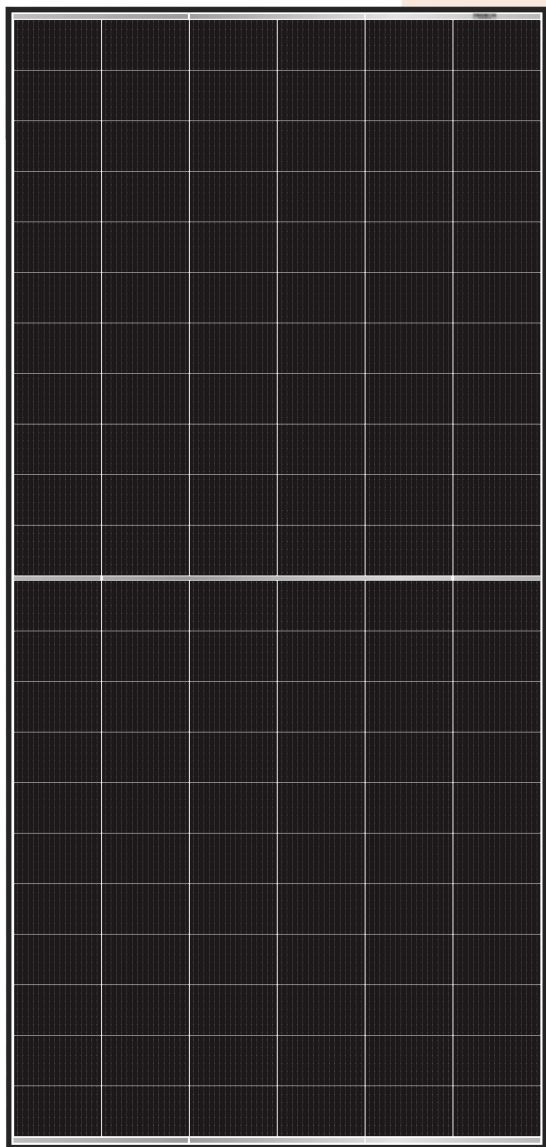




 DXM10-66H

N Mono
600W~650W

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 and salt mist.

PID Free

Guaranteed no Potential Induced Degradation, ensuring consistent performance.

Tech Specs:

STC

Rated Power(P _{max}):	600W	610W	620W	630W	640W	650W
Maximum Power (P _{max}):	600W	610W	620W	630W	640W	650W
Rated Voltage at P _{max} (V _{mp}):	41.10V	41.50V	41.90V	42.30V	42.70V	43.10V
Rated Current at P _{max} (I _{mp}):	14.60A	14.70A	14.80A	14.90A	14.99A	15.09A
Open-Circuit Voltage (V _{oc}):	48.50V	48.90V	49.30V	49.70V	50.10V	50.50V
Short-Circuit Current (I _{sc}):	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:	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					

NOCT

600W	610W	620W	630W	640W	650W
459.09W	466.74W	474.39W	482.05W	489.70W	497.35W
38.73V	39.11V	39.49V	39.86V	40.24V	40.62V
11.85A	11.93A	12.01A	12.09A	12.17A	12.25A
46.13V	46.52V	46.90V	47.28V	47.66V	48.04V
12.62A	12.67A	12.72A	12.76A	12.80A	12.85A

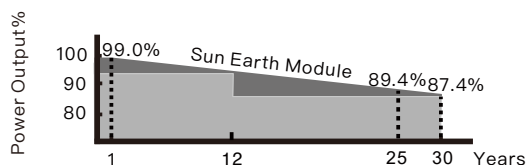
- STC: Irradiance 1000W/m², Cell Temperature 25℃, Air Mass AM1.5 (According to EN60904-3)
- NOCT: Irradiance 800W/m², Ambient Temperature 20℃, Wind Speed 1 m/s
- Average efficiency reduction or 4.5% at 200W/m² according to EN60904-1

Construction Specification:

Front Cover:	Anti-Reflection Coating Glass/3.2mm
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:	28.0 ± 3%kg

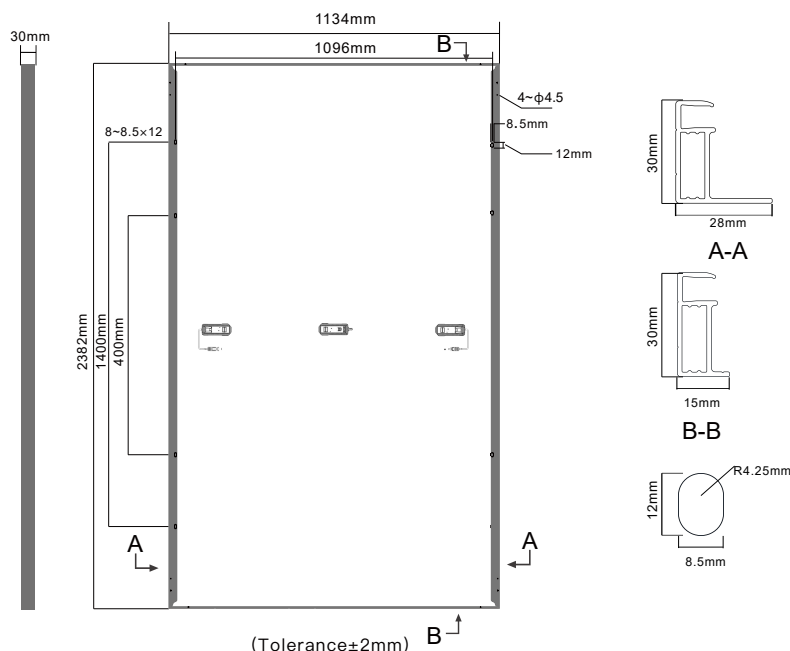
Packaging:

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

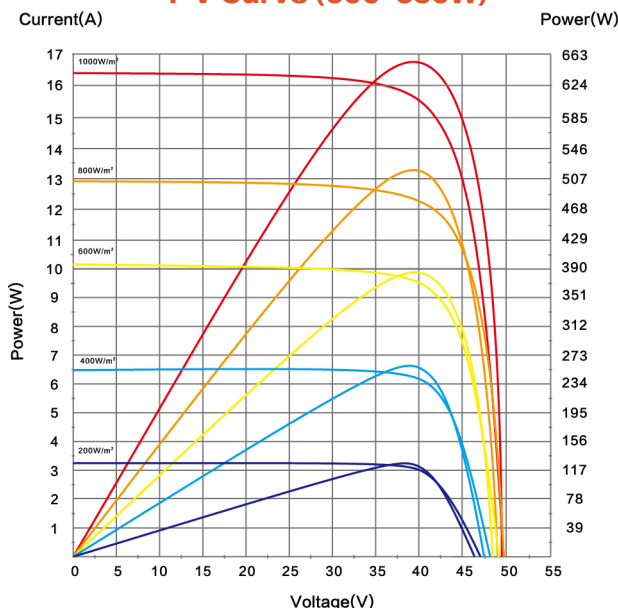
Dimensions



Thermal Characteristics:

Nominal Operating Cell Temperature (NOCT) :	43 ± 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 (600-650W)



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

