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Building Your Trust in Solar

Tiger Neo N-type 66HL4M-BDV 620 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-Type

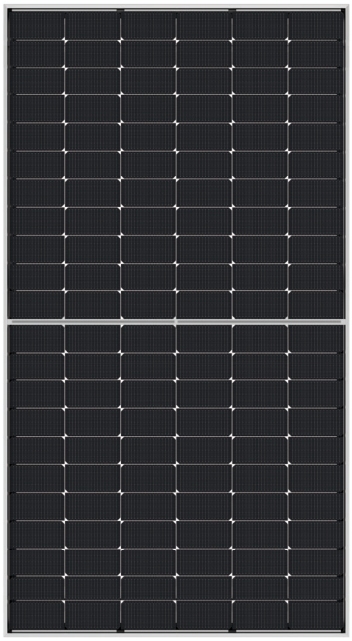
Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018
Occupational health and safety management systems



Key Features

SMBB Technology

Better light trapping and current collection to improve module power output and reliability.

Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.

PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.

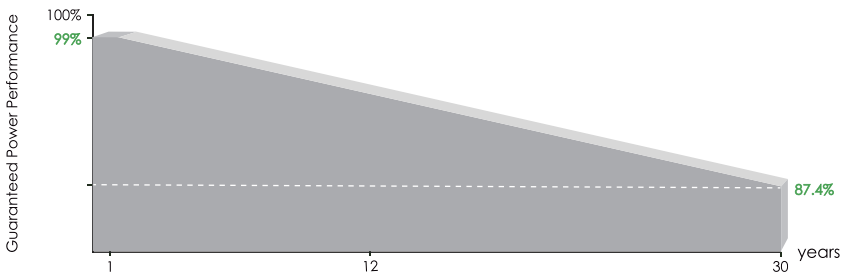
Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

Higher Power Output

Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.

LINEAR PERFORMANCE WARRANTY

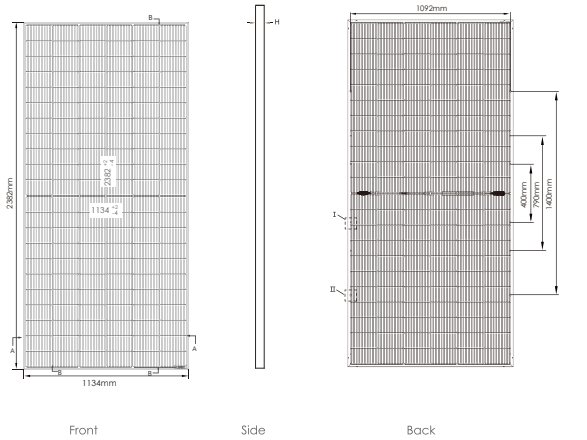


12 Year Product Warranty

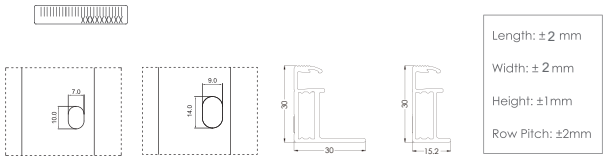
30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings



Front Side Back



Length: ±2 mm
Width: ±2 mm
Height: ±1mm
Row Pitch: ±2mm

Distances measured from corner to corner

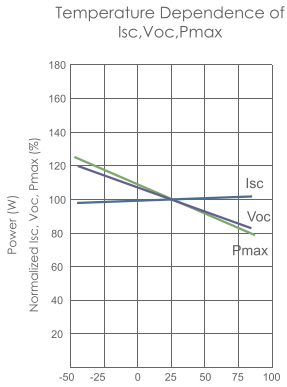
For detailed sizes and tolerance specification, please consult detailed module drawing

Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	132 (2×66)
Dimensions	2382×1134×30mm (93.78×44.65×1.18 inch)
Weight	32.4 kg (71.43 lbs)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm² (+): 400mm , (-): 200mm or Customized Length

SPECIFICATIONS

Module Type	JKM620N-66HL4M-BDV	
	STC	NOCT
Maximum Power (Pmax)	620Wp	468Wp
Maximum Power Voltage (Vmp)	40.74V	38.25V
Maximum Power Current (Imp)	15.22A	12.24A
Open-circuit Voltage (Voc)	49.08V	46.62V
Short-circuit Current (Isc)	16.08A	12.98A
Module Efficiency STC (%)	22.95%	
Operating Temperature(℃)	-40℃~+85℃	
Maximum system voltage	1500VDC (IEC)	
Maximum series fuse rating	35A	
Power tolerance	0~+3%	
Temperature coefficients of Pmax	-0.29%/ ℃	
Temperature coefficients of Voc	-0.25%/℃	
Temperature coefficients of Isc	0.045%/℃	
Nominal operating cell temperature (NOCT)	45±2℃	
Refer. Bifacial Factor	80±5%	

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

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Specifications included in this datasheet are subject to change without notice.