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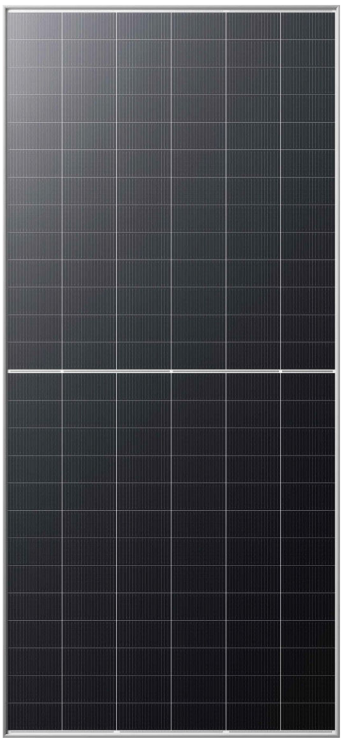
Building **Your Trust** in Solar

Tiger Neo N-type 78HL4-BDV

615-635 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.

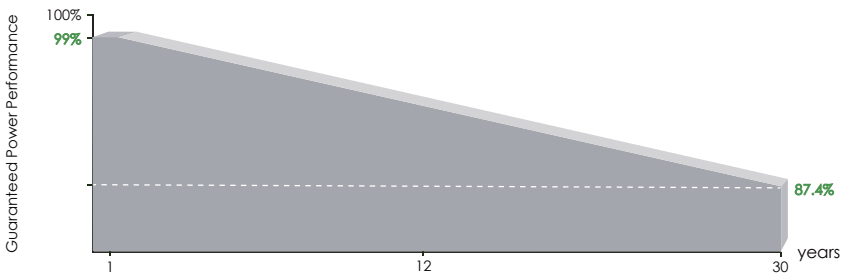
Enhanced Mechanical Load

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

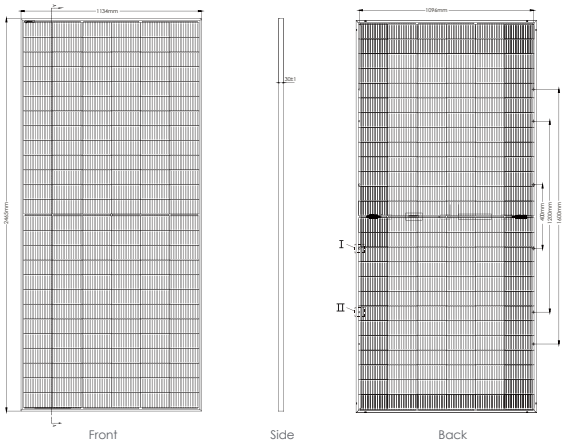


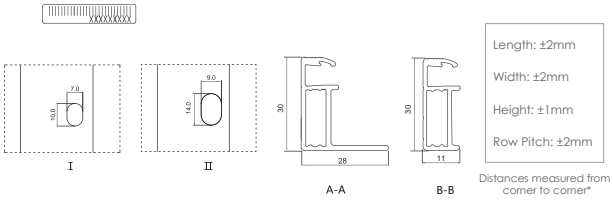
12 Year Product Warranty

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings





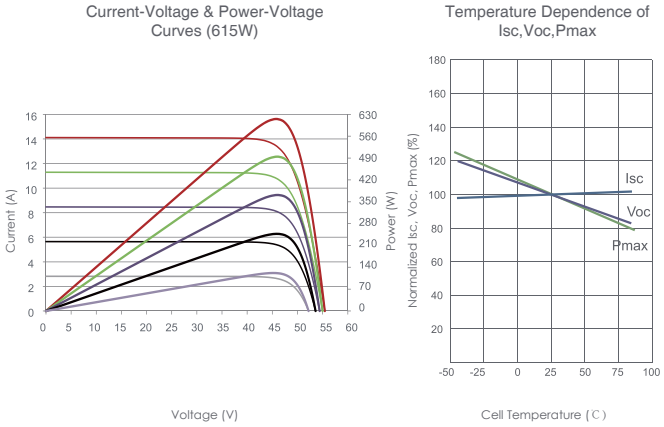
*For detailed sizes and tolerance specification, please consult detailed module drawing

Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 576pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	156 (2×78)
Dimensions	2465×1134×30mm (97.05×44.65×1.18 inch)
Weight	34kg (74.96lbs)
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	JKM615N-78HL4-BDV		JKM620N-78HL4-BDV		JKM625N-78HL4-BDV		JKM630N-78HL4-BDV		JKM635N-78HL4-BDV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	615Wp	463Wp	620Wp	467Wp	625Wp	471Wp	630Wp	475Wp	635Wp	479Wp
Maximum Power Voltage (Vmp)	47.20V	44.39V	47.37V	44.54V	47.54V	44.69V	47.70V	44.83V	47.86V	44.98V
Maximum Power Current (Imp)	13.03A	10.44A	13.09A	10.49A	13.15A	10.54A	13.21A	10.59A	13.27A	10.64A
Open-circuit Voltage (Voc)	56.69V	42.72V	56.82V	42.82V	56.95V	42.92V	57.08V	43.02V	57.21V	43.11V
Short-circuit Current (Isc)	13.68A	10.31A	13.74A	10.35A	13.80A	10.40A	13.86A	10.44A	13.92A	10.49A
Module Efficiency STC (%)	22.00%		22.18%		22.36%		22.54%		22.72%	
Operating Temperature(℃)	-40℃~+85℃									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
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℃ AM=1.5

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

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