

Tiger Neo N-type 72HL4-(V) 595-600 Watt MONO-FACIAL MODULE

N-Type

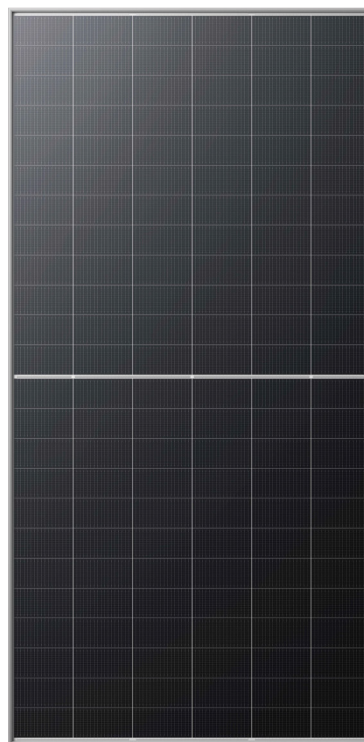
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems
(Made in China)



Key Features



SMBB Technology

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



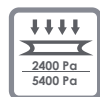
Hot 2.0 Technology

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).

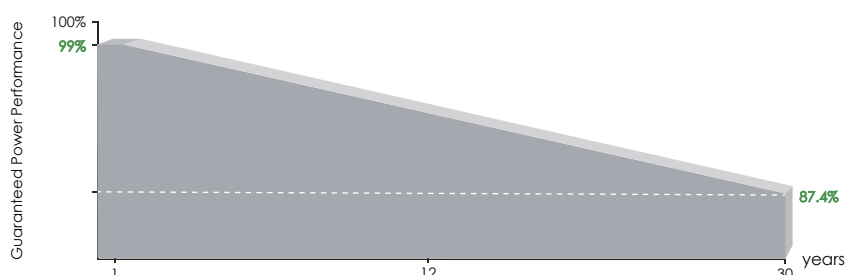


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



LINEAR PERFORMANCE WARRANTY

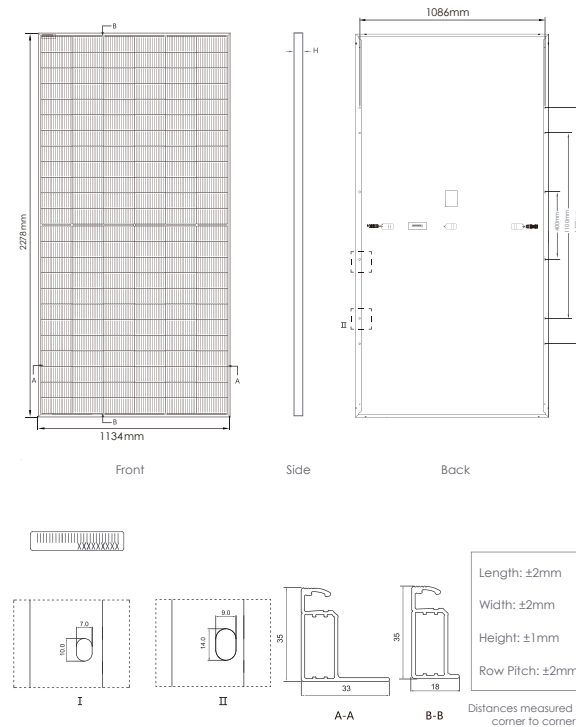


12 Year Product Warranty

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings



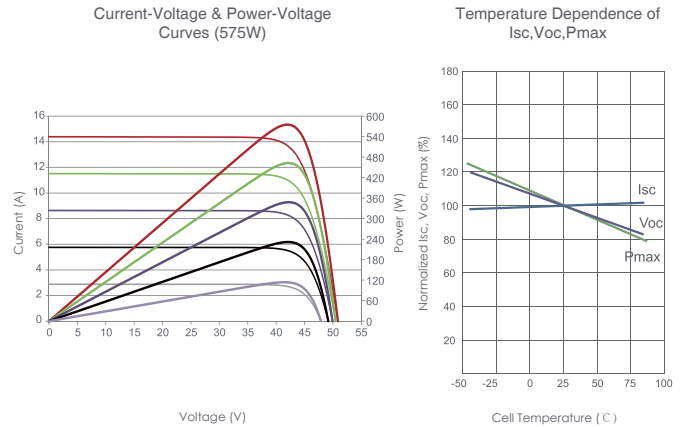
*For detailed sizes and tolerance specification, please consult detailed module drawing

Packaging Configuration

(Two pallets = One stack)

31 pcs/pallets, 62 pcs/stack, 620 pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (6×24)
Dimensions	2278×1134×35mm (89.69×44.65×1.38 inch)
Weight	27 kg (59.52 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 400mm, (-): 200mm or Customized Length
Connector Type	1000V: Staubli MC4, JK03M/2B, JK03M2/2B, Jinko PV material 1500V: Staubli MC4-EVO2, JK03M/2B, JK03M2/2B, Jinko PV material
Fire Rating	Class C

SPECIFICATIONS

Module Type	JKM 595 N-72 HL 4 JKM 595 N-72HL4- V		JKM 600 N-72 HL 4 JKM 600 N-72HL4- V	
	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	595Wp	448Wp	600Wp	452Wp
Maximum Power Voltage (Vmp)	43.88V	41.21V	44.06V	41.37V
Maximum Power Current (Imp)	13.56A	10.88A	13.62A	10.93A
Open-circuit Voltage (Voc)	52.79V	50.14V	52.95V	50.30V
Short-circuit Current (Isc)	14.19A	11.45A	14.25A	11.50A
Module Efficiency STC (%)	23.03%		23.23%	
Operating Temperature(°C)	-40 °C~+85°C			
Maximum system voltage	1000/1500VDC (IEC) with-v=1500v			
Maximum series fuse rating	25A			
Power Measurement tolerance	-3%~+3%			
Power Sorting tolerance	-5W~+15W			
Temperature coefficients of Pmax	-0.29%/°C			
Temperature coefficients of Voc	-0.25%/°C			
Temperature coefficients of Isc	0.045%/°C			
Nominal operating cell temperature (NOCT)	45±2°C			

*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