

Tiger Neo N-type 60HL4-(V) 470-500 Watt MONO-FACIAL MODULE

N-Type

IEC61215(2021), IEC61730(2023)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018
Occupational health and safety management systems
(Made in China)

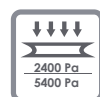


Key Features



Hot 2.0 Technology

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



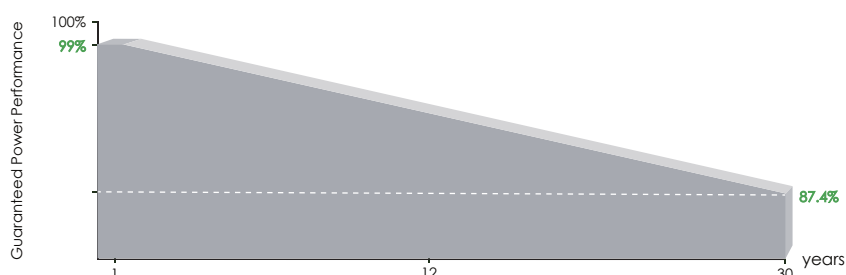
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY



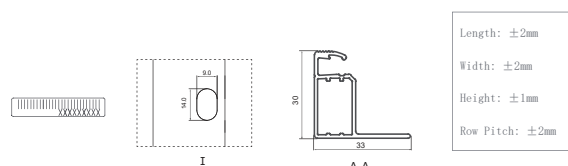
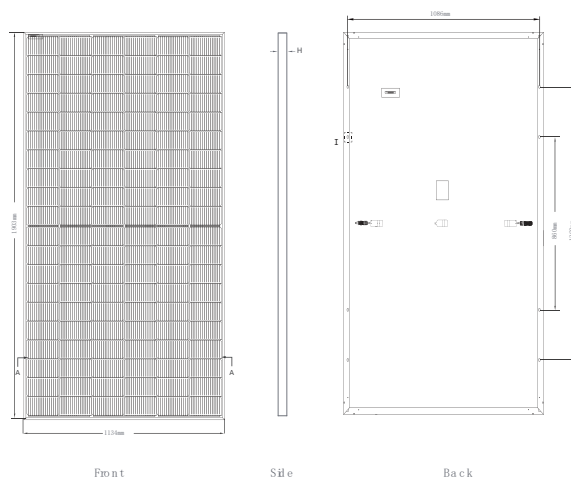
25* Year Product Warranty

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

*The product warranty is only applicable in Australia and New Zealand

Engineering Drawings

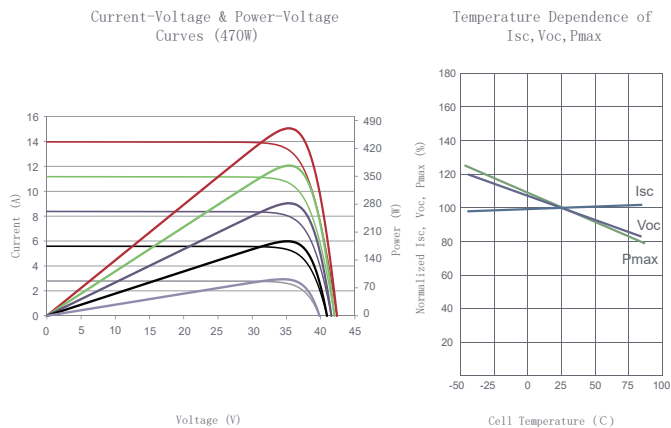


Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 864pcs/ 40' HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	120 (6×20)
Dimensions	1903×1134×30mm (74.92×44.65×1.18 inch)
Weight	22.5 kg (53.35 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	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	JKM470N-60HL4 JKM470N-60HL4-V	JKM475N-60HL4 JKM475N-60HL4-V	JKM480N-60HL4 JKM480N-60HL4-V	JKM485N-60HL4 JKM485N-60HL4-V	JKM490N-60HL4 JKM490N-60HL4-V	JKM495N-60HL4 JKM495N-60HL4-V	JKM500N-60HL4 JKM500N-60HL4-V
	STC	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax)	470Wp	475Wp	480Wp	485Wp	490Wp	495Wp	500Wp
Maximum Power Voltage (Vmp)	35.69V	35.88V	36.06V	36.25 V	36.43V	36.62V	36.79V
Maximum Power Current (Imp)	13.17A	13.24A	13.31A	13.38 A	13.45A	13.52A	13.59A
Open-circuit Voltage (Voc)	43.30V	43.45V	43.60V	43.76 v	43.91V	44.07V	44.21V
Short-circuit Current (Isc)	13.69A	13.77A	13.85A	13.93 A	14.01A	14.09A	14.17A
Module Efficiency STC (%)	21.78%	22.01%	22.24%	22.47%	22.71%	22.94%	23.17%
Operating Temperature(°C)	-40°C~+85 °C						
Maximum system voltage	1000/1500VDC (IEC) with -V=1500V, without -V=1000V						
Maximum series fuse rating	25A						
Power measurement tolerance	±3%						
Power Sorting tolerance	-5W to +15W						
Temperature coefficients of Pmax	-0.29%/°C						
Temperature coefficients of Voc	-0.25%/°C						
Temperature coefficients of Isc	0.045%/ °C						

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

NOCT: Irradiance 800W/m² Ambient Temperature 20° C

AM=1.5

AM=1.5

Wind Speed 1m/s