

Tiger Neo N-type

54HL4-B

405-420 Watt

ALL-BLACK 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)

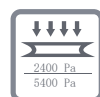


Key Features



SMBB Technology

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

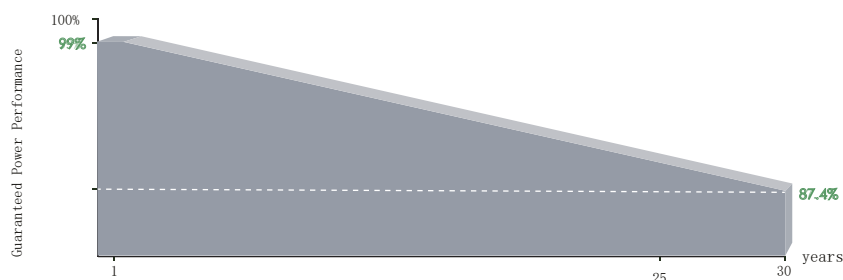


Enhanced Mechanical Load

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



LINEAR PERFORMANCE WARRANTY



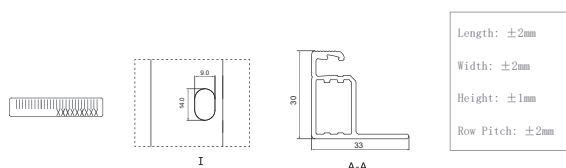
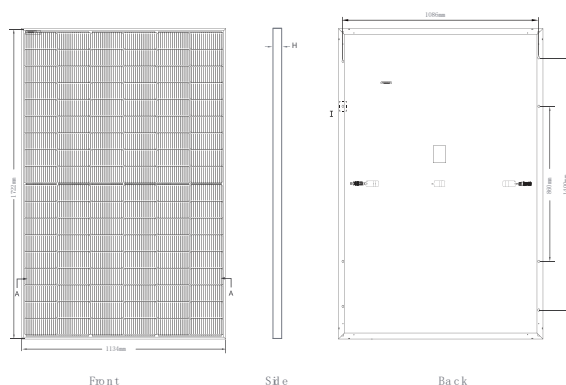
25*Year Product Warranty

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

*The product warranty is only applicable in Australia

Engineering Drawings

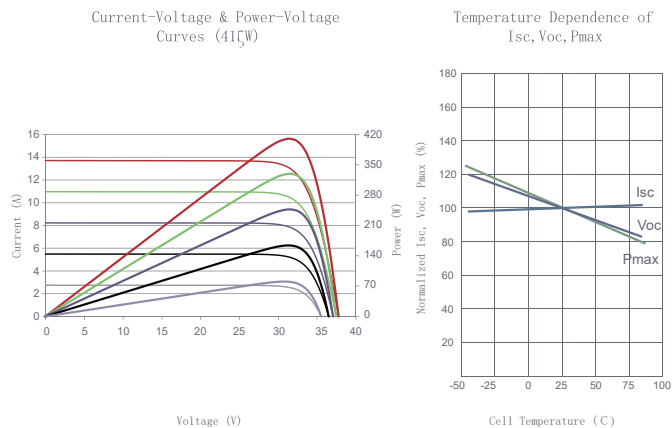


Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 936pcs/ 40' HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	108 (6×18)
Dimensions	1722×1134×30mm (67.79×44.65×1.18 inch)
Weight	22 kg (48.50 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' (+): 400mm, (-): 200mm or Customized Length
Connector	1000V:Staubli MC4JK03M/1B,JK03M2/1B,Jinko PV material
Fire Rating	Class C

SPECIFICATIONS

Module Type	JKM405N-54HL4-B		JKM410N-54HL4-B		JKM415N-54HL4-B		JKM420N-54HL4-B	
	STC	N O C T	STC	N O C T	STC	N O C T	STC	N O C T
Maximum Power (Pmax)	405Wp	305Wp	410Wp	308Wp	415Wp	312Wp	420Wp	312Wp
Maximum Power Voltage (Vmp)	31.52V	29.38V	31.74V	29.53V	31.95V	29.74V	31.95V	29.74V
Maximum Power Current (Imp)	12.85A	10.38A	12.92A	10.43A	12.99V	10.49A	12.99V	10.49A
Open-circuit Voltage (Voc)	38.10V	36.20V	38.32V	36.40V	38.53V	36.60V	38.53V	36.60V
Short-circuit Current (Isc)	13.30A	10.74A	13.37A	10.79A	13.44A	10.85A	13.44A	10.85A
Module Efficiency STC (%)	20.74%		21.00%		21.25%		21.25%	
Operating Temperature(°C)	-40°C~+85 °C							
Maximum system voltage	1000VDC (IEC)							
Maximum series fuse rating	25A							
Power measurement tolerance	-3%~+3%							
Temperature coefficients of Pmax	-0.30%/°C							
Temperature coefficients of Voc	-0.25%/°C							
Temperature coefficients of Isc	0.046%/ °C							
Nominal operating cell temperature (NOCT)	45±2C							

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

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

AM=1.5

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Wind Speed 1m/s