

Tiger Neo N-type 54HL4-(V) 410-430 Watt

MONO-FACIAL MODULE

N-Type

Positive power tolerance of 0~+3%

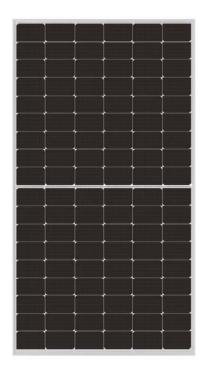
IEC61215(2016), IEC61730(2016)

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).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance



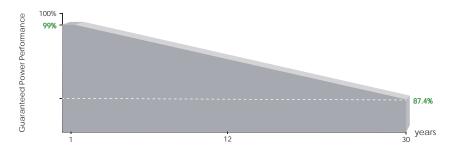








LINEAR PERFORMANCE WARRANTY



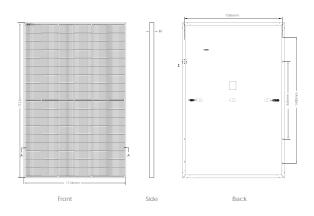
12 Year Product Warranty

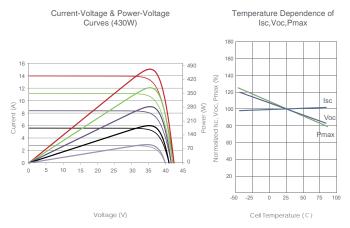
30 Year Linear Power Warranty

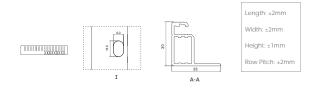
0.40% Annual Degradation Over 30 years

Engineering Drawings

Electrical Performance & Temperature Dependence







Packaging Configuration

(Two pallets = One stack)

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

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							

Module Type JKM410N-54HL4-V JKM415N-54HL4-V JKM420N-54HL4-V JKM425N-54HL4-V JKM425N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM425N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V JKM425N-54HL4-V JKM430N-54HL4-V JKM430N-54HL4-V	SPECIFICATIONS										
Maximum Power (Pmax) 410Wp 308Wp 415Wp 312Wp 420Wp 316Wp 425Wp 320Wp 430Wp 323Wp Maximum Power Voltage (Vmp) 31.13V 29.06V 31.32V 29.21V 31.51V 29.34V 31.70V 29.50V 31.88V 29.63V Maximum Power Current (Imp) 13.17A 10.61A 13.25A 10.68A 13.33A 10.76A 13.41A 10.83A 13.49A 10.91A Open-circuit Voltage (Voc) 37.73V 35.84V 37.92V 36.02V 38.11V 36.20V 38.30V 36.38V 38.49V 36.56V Short-circuit Current (Isc) 13.91A 11.23A 13.99A 11.29A 14.07A 11.36A 14.15A 11.42A 14.23A 11.49A Module Efficiency STC (%) 21.00% 21.25% 21.51% 21.76% 22.02% Deparating Temperature(°C) -40°C~+85°C -40°C~+85°C -40°C~+85°C Maximum series fuse rating 25A -0.25%/°C -0.25%/°C Temperature coefficients of Voc -0.25%/°C -0.25%/°C -0.25%/°C	Module Type										
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Temperature coefficients of Voc -0.25%/°C 1.046%/°C 1.046%/°C	Power tolerance	0~+3%									
remperature coefficients of Isc 0.046%/°C	Temperature coefficients of Pmax	-0.30%/°C									
	Temperature coefficients of Voc	-0.25%/°C									
45.00	Temperature coefficients of Isc	0.046%/℃									
Nominal operating cell temperature (NOCT) 45±2°C											













