

Tiger Neo N-type 72HL4-(V) 565-585 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.



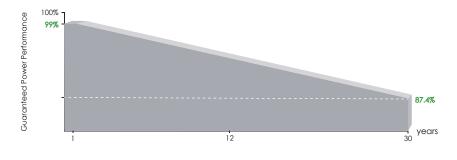








LINEAR PERFORMANCE WARRANTY



12 Year Product Warranty

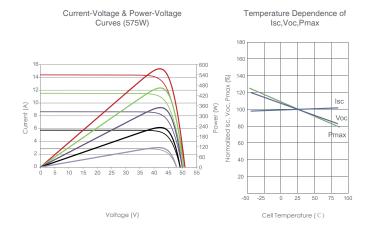
30 Year Linear Power Warranty

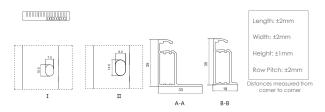
0.40% Annual Degradation Over 30 years

Engineering Drawings

1086mm Side Back

Electrical Performance & Temperature Dependence





Packaging Configuration

(Two pallets = One stack)

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

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	28 kg (61.73 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							

SPECIFICATIONS											
Module Type	JKM565N-72HL4 JKM565N-72HL4-V		JKM570N-72HL4 JKM570N-72HL4-V		JKM575N-72HL4 JKM575N-72HL4-V		JKM580N-72HL4 JKM580N-72HL4-V		JKM585N-72HL4 JKM585N-72HL4-V		
	STC	NOCT									
Maximum Power (Pmax)	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp	580Wp	436Wp	585Wp	440Wp	
Maximum Power Voltage (Vmp)	41.92V	39.38V	42.07V	39.51V	42.22V	39.60V	42.37V	39.69V	42.52V	39.81V	
Maximum Power Current (Imp)	13.48A	10.79A	13.55A	10.85A	13.62A	10.92A	13.69A	10.99A	13.76A	11.05A	
Open-circuit Voltage (Voc)	50.60V	48.06V	50.74V	48.20V	50.88V	48.33V	51.02V	48.46V	51.16V	48.60V	
Short-circuit Current (Isc)	14.23A	11.49A	14.31A	11.55A	14.39A	11.62A	14.47A	11.68A	14.55A	11.75A	
Module Efficiency STC (%)	21.87%		22.07%		22.26%		22.45%		22.65%		
Operating Temperature(°C)	-40°C~+85°C										
Maximum system voltage	1000/1500VDC (IEC)										
Maximum series fuse rating	25A										
Power tolerance	0~+3%										
Temperature coefficients of Pmax	-0.29%/°C										
Temperature coefficients of Voc	-0.25%/°C										
Temperature coefficients of Isc	0.045%/℃										
Nominal operating cell temperatur	ure (NOCT) 45±2°C										





Ambient Temperature 20°C





