

# Tiger Pro N-type 72HL4-(V) 555-575 Watt MONO-FACIAL MODULE

## N-Type

Positive power tolerance of 0~+3%

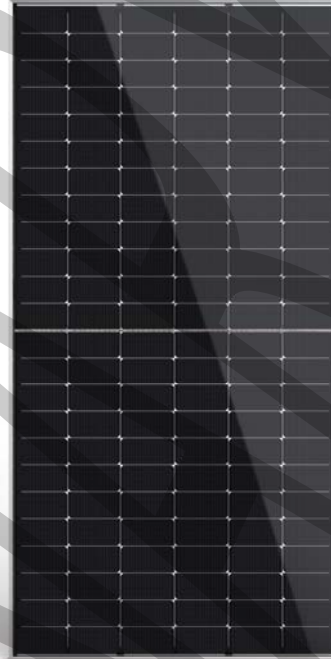
IEC61215(2016), IEC61730(2016)

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).

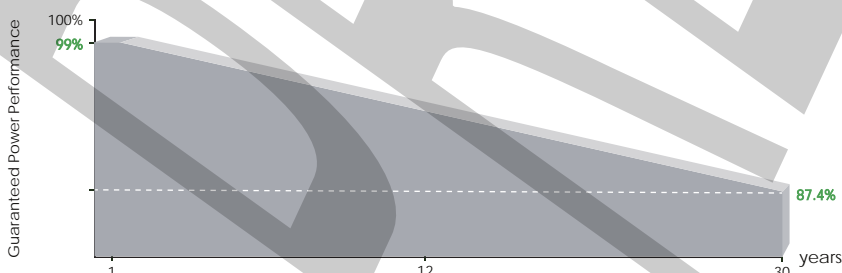


### Higher Power Output

Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.



## LINEAR PERFORMANCE WARRANTY

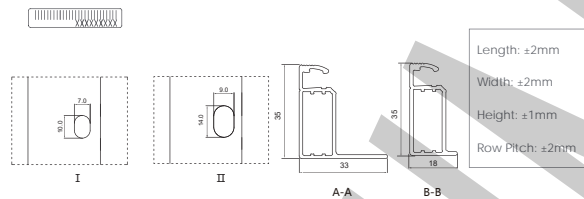
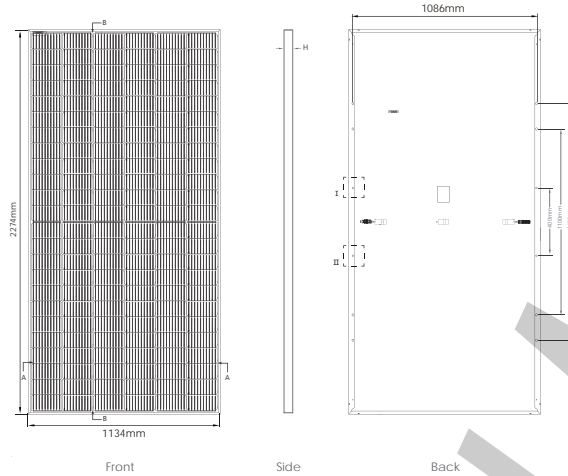


12 Year Product Warranty

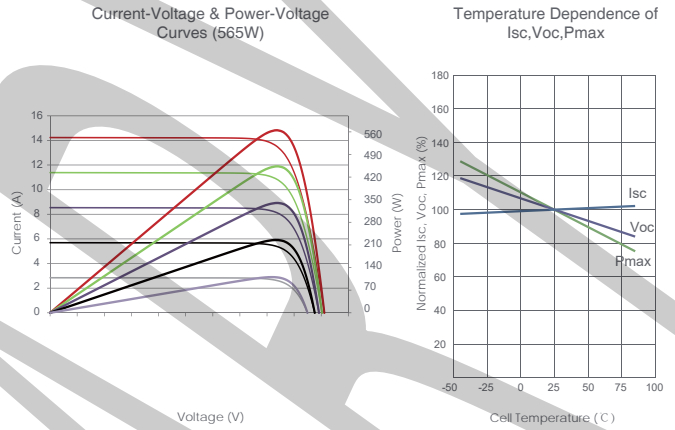
30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

## Engineering Drawings



## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (6×24)
Dimensions	2274×1134×35mm (89.53×44.65×1.38 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 <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

## Packaging Configuration

(Two pallets = One stack)

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

## SPECIFICATIONS

Module Type	JKM555N-72HL4 JKM555N-72HL4-V		JKM560N-72HL4 JKM560N-72HL4-V		JKM565N-72HL4 JKM565N-72HL4-V		JKM570N-72HL4 JKM570N-72HL4-V		JKM575N-72HL4 JKM575N-72HL4-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	555Wp	414Wp	560Wp	418Wp	565Wp	421Wp	570Wp	425Wp	575Wp	429Wp
Maximum Power Voltage (Vmp)	41.64V	38.67V	41.77V	38.77V	41.89V	38.90V	42.01V	38.99V	42.13V	39.12V
Maximum Power Current (Imp)	13.33A	10.70A	13.41A	10.77A	13.49A	10.83A	13.57A	10.90A	13.65A	10.96A
Open-circuit Voltage (Voc)	50.34V	47.51V	50.46V	47.63V	50.58V	47.74V	50.70V	47.85V	50.82V	47.97V
Short-circuit Current (Isc)	14.07A	11.36A	14.15A	11.43A	14.23A	11.49A	14.31A	11.56A	14.39A	11.62A
Module Efficiency STC (%)	21.52%		21.72%		21.91%		22.10%		22.30%	
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	-0.30%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

\*STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C

AM=1.5

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Wind Speed 1m/s