

# Tiger Neo 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.



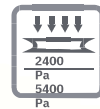
### Hot 2.0 Technology

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



### PID Resistance

Excellent anti-PID performance, production guarantees 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.



POSITIVE QUALITY  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY



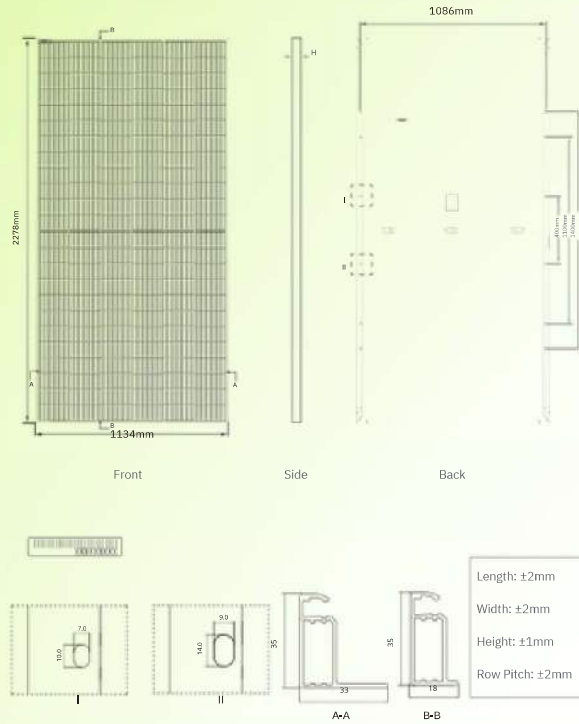
1 Year Product Warranty

2 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

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## Engineering Drawings



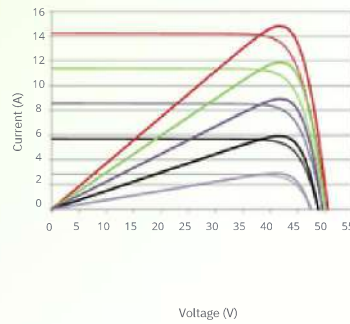
## Packaging Configuration

( 1 two pallets = One stack )

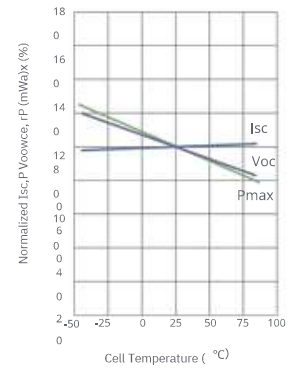
31pcs/pallets, 62pcs/stack, 620pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (565W)



Temperature Dependence of Isc, Voc, Pmax



## Mechanical Characteristics

Cell Type No. of cells	N type Mono-crystalline 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 1×4.0mm2 (+): 400mm , (-): 200mm or Customized Length

## SPECIFICATIONS

Module Type

	JKM555N-72HL4		JKM560N-72HL4		JKM565N-72HL4		JKM570N-72HL4		JKM575N-72HL4	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	555W	417Wp	560Wp	421Wp	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp
Maximum Power Voltage (Vmp)	p	39.12V	41.77V	39.25V	41.92V	39.38V	42.07V	39.51V	42.22V	39.60V
Maximum Power Current (Imp)	14.04A	10.67A	13.41A	10.73A	13.48A	10.79A	13.55A	10.85A	13.62A	10.92A
Open-circuit Voltage (Voc)	47.82V	50.47V	47.94V	50.60V	48.06V	50.74V	48.20V	50.88V	48.33V	
Short-circuit Current (Isc)	11.36A	14.15A	11.42A	14.23A	11.49A	14.31A	11.55A	14.39A	11.62A	
Module Efficiency STC (%)	21.48%	21.68%	21.87%	22.07%	22.26%					
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	-0.25%/°C									
Temperature coefficients of Isc Nominal operating cell temperature (NOCT)	0.046%/°C									
	45±2°C									

\*STC: Irradiance 1000W/m2

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m2

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s