

Tiger Neo N-type 72HL4R-(V) 560-585 Watt MONO-FACIAL MODULE

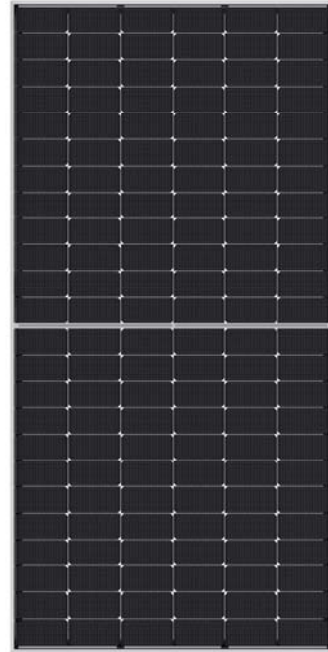
N-Type

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)

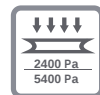


Key Features



SMBB Technology

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

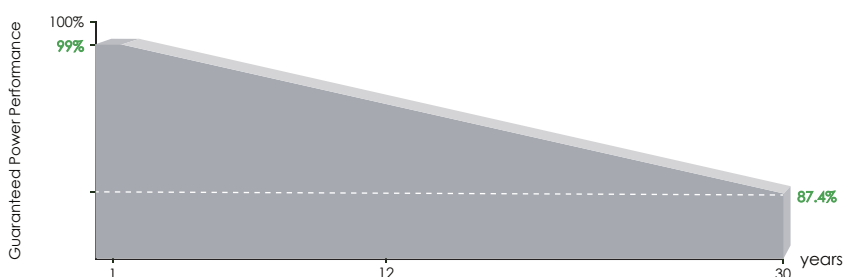


Enhanced Mechanical Load

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



LINEAR PERFORMANCE WARRANTY

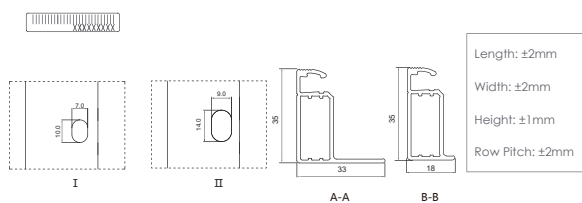
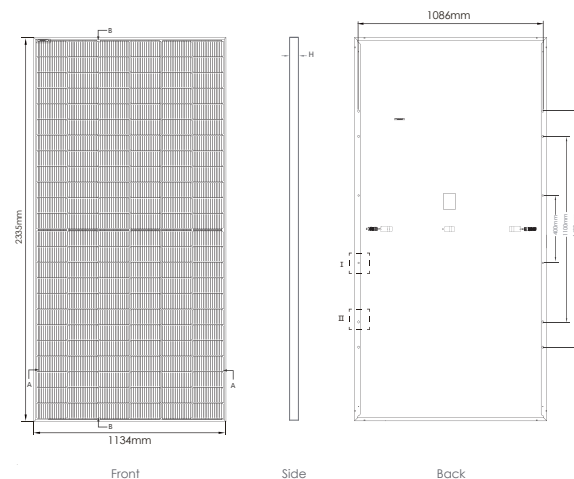


12 Year Product Warranty

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings

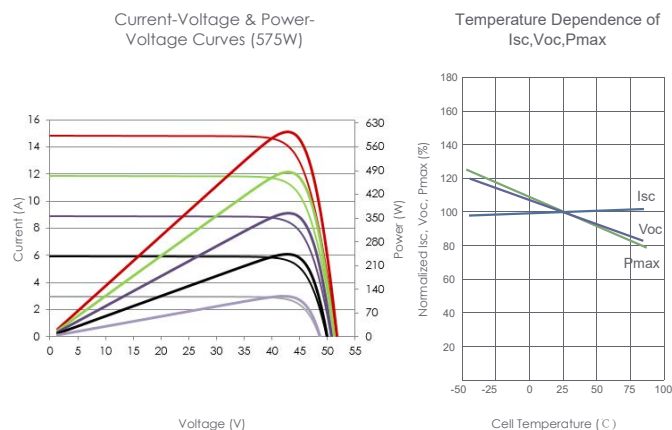


Packaging Configuration

(Two pallets = One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (2×72)
Dimensions	2335×1134×35mm (91.93×44.65×1.38 inch)
Weight	28.5 kg (62.83 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 ² (+): 400mm, (-): 200mm or Customized Length
Connector	1000V: Staubli MC4; JK03M/1B, JK03M2/1B, Jinko PV material Type 1500V: Staubli MC4-EVO2; JK03M/2B, JK03M2/2B, Jinko PV material
Fire Class	Class C

SPECIFICATIONS

Module Type	JKM560N-72HL4R		JKM565N-72HL4R		JKM570N-72HL4R		JKM575N-72HL4R		JKM580N-72HL4R		JKM585N-72HL4R	
	JKM560N-72HL4R-V		JKM565N-72HL4R-V		JKM570N-72HL4R-V		JKM575N-72HL4R-V		JKM580N-72HL4R-V		JKM585N-72HL4R-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	560Wp	421Wp	565Wp	425Wp	570Wp	429Wp	575Wp	432.4Wp	580Wp	436Wp	585Wp	440Wp
Maximum Power Voltage (Vmp)	41.77V	39.25V	41.92V	39.38V	42.07V	39.51V	42.22V	39.60V	42.37V	39.69V	42.52V	39.81V
Maximum Power Current (Imp)	13.41A	10.73A	13.48A	10.79A	13.55A	10.85A	13.62A	10.92A	13.69A	10.99A	13.76A	11.05A
Open-circuit Voltage (Voc)	50.47V	47.94V	50.60V	48.06V	50.74V	48.20V	50.88V	48.33V	51.02V	48.46V	51.16V	48.60V
Short-circuit Current (Isc)	14.15A	11.42A	14.23A	11.49A	14.31A	11.55A	14.39A	11.62A	14.47A	11.68A	14.55A	11.75A
Module Efficiency STC (%)	21.15%		21.34%		21.53%		21.72%		21.90%		22.09%	
Operating Temperature(°C)	-40°C~+85°C											
Maximum system voltage	1000/1500VDC (IEC) with -V=1500V, without -V=1000V											
Maximum series fuse rating	25A											
Power measurement tolerance	±3%											
Power measurement tolerance	0-3%											
Temperature coefficients of Pmax	-0.29%/°C											
Temperature coefficients of Voc	-0.25%/°C											
Temperature coefficients of Isc	0.045%/°C											
Nominal operating cell temperature (NOCT)	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