

Tiger Neo N-type 78HL4-(V) 620-625 Watt MONO-FACIAL MODULE

N-Type

Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

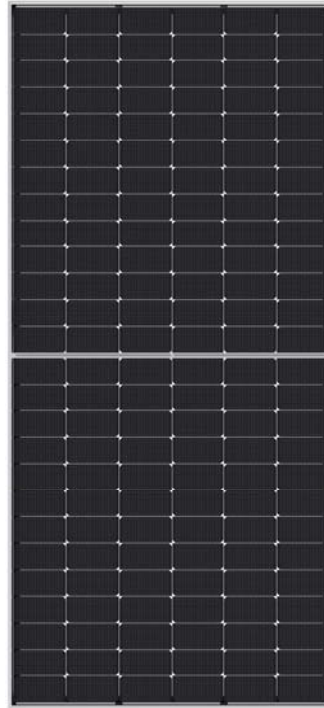
ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems

Made in China/ U.S/Malaysia/Vietnam



Key Features



SMBB Technology

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

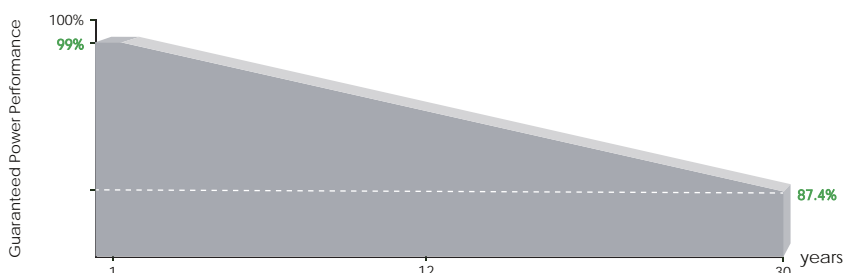


Enhanced Mechanical Load

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



LINEAR PERFORMANCE WARRANTY

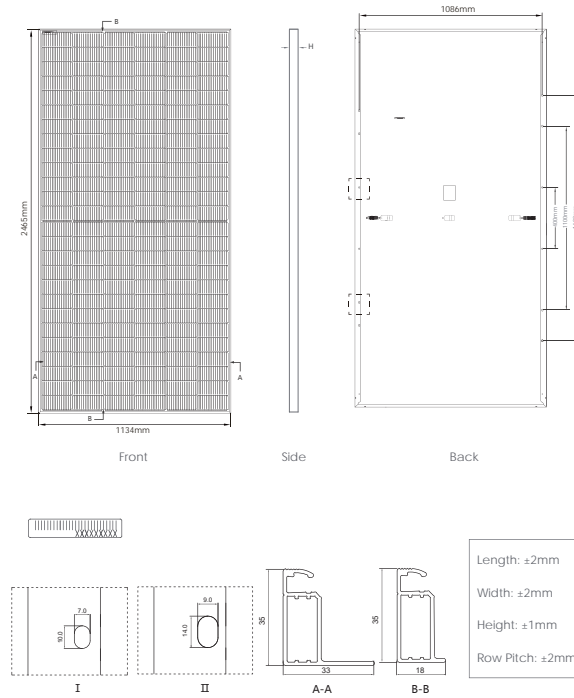


12 Year Product Warranty

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings

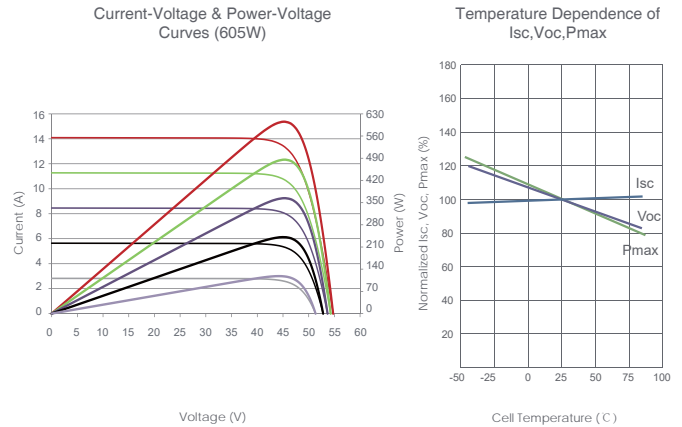


Packaging Configuration

(Two pallets = One stack)

31pcs/pallets, 62pcs/stack, 496pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	156 (2×78)
Dimensions	2465×1134×35mm (97.05×44.65×1.38 inch)
Weight	30.6 kg (67.46 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	Staubli MC4, MC4-EVO2; JK03M/2B, JK03M2/2B, Jinko PV material
Fire Rating	Class C

SPECIFICATIONS

Module Type

	JKM620N-78HL4-V		JKM625N-78HL4-V	
	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	620Wp	466Wp	625Wp	470Wp
Maximum Power Voltage (Vmp)	45.79V	42.50V	45.92V	42.61V
Maximum Power Current (Imp)	13.54A	10.97A	13.61A	11.03A
Open-circuit Voltage (Voc)	55.55V	52.77V	55.70V	52.91V
Short-circuit Current (Isc)	14.25A	11.50A	14.32A	11.56A
Module Efficiency STC (%)	22.18%		22.36%	
Operating Temperature(°C)	-40°C ~ +85°C			
Maximum system voltage	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	0.046%/°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

*Power Measurement Tolerance: +/-3%