

Tiger Neo N-type 60HL4-(V) 460-480 Watt

MONO-FACIAL MODULE

N-Type

IEC61215(2016), IEC61730(2016)

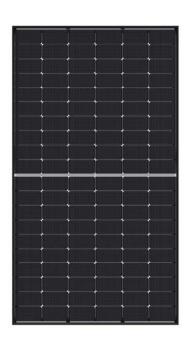
ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems

(Made in China/Malaysia/Vietnam/U.S)



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



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



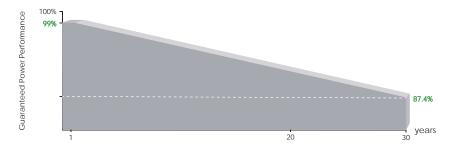








LINEAR PERFORMANCE WARRANTY

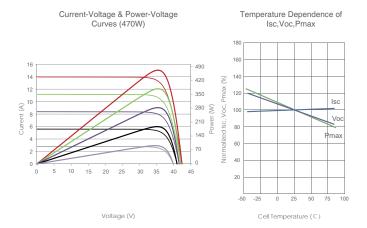


- **2**5 Year Product Warranty*
- **30** Year Linear Power Warranty
- 0.40% Annual Degradation Over 30 years

The product warranty is only applicable in Australia.

Engineering Drawings

Electrical Performance & Temperature Dependence



Length: ±2mm Width: ±2mm (xxxxxxxx Height: ±1mm

Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 840pcs/ 40'HQ Container

Mechanical Characteristics								
Cell Type	N type Mono-crystalline							
No. of cells	120 (6×20)							
Dimensions	1903×1134×30mm (74.92×44.65×1.18 inch)							
Weight	24.2 kg (53.35 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	JK03M/1B, Genuine MC4							
Fire Rating	Class C							

JKM460N-60HL4 JKM460N-60HL4-V		JKM465N-60HL4 JKM465N-60HL4-V		JKM470N-60HL4 JKM470N-60HL4-V		JKM475N-60HL4 JKM475N-60HL4-V		JKM480N-60HL4 JKM480N-60HL4-V	
STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
460Wp	346Wp	465Wp	350Wp	470Wp	353Wp	475Wp	357Wp	480Wp	361Wp
34.72V	32.60V	34.89V	32.77V	35.05V	32.94V	35.21V	33.10V	35.38V	33.27V
13.25A	10.61A	13.33A	10.67A	13.41A	10.73A	13.49A	10.79A	13.57A	10.85A
42.05V	39.94V	42.22V	40.10V	42.38V	40.25V	42.54V	40.41V	42.71V	40.57V
13.99A	11.29A	14.07A	11.36A	14.15A	11.42A	14.23A	11.49A	14.31A	11.55A
21.32%		21.55%		21.78%		22.01%		22.24%	
-40°C~+85°C									
1000/1500VDC(IEC)									
25A									
+/- 3%									
-0.30%/℃									
-0.25%/℃									
0.046%/°C									
Nominal operating cell temperature (NOCT) 45±2°C									
	JKM460N STC 460Wp 34.72V 13.25A 42.05V 13.99A 21.	JKM460N-60HL4-V STC NOCT 460Wp 346Wp 34.72V 32.60V 13.25A 10.61A 42.05V 39.94V 13.99A 11.29A 21.32%	JKM460N-60HL4-V JKM4651 STC NOCT STC 460Wp 346Wp 465Wp 34.72V 32.60V 34.89V 13.25A 10.61A 13.33A 42.05V 39.94V 42.22V 13.99A 11.29A 14.07A 21.32% 21.	JKM460N-60HL4-V JKM465N-60HL4-V STC NOCT STC NOCT 460Wp 346Wp 465Wp 350Wp 34.72V 32.60V 34.89V 32.77V 13.25A 10.61A 13.33A 10.67A 42.05V 39.94V 42.22V 40.10V 13.99A 11.29A 14.07A 11.36A 21.32% 21.55%	JKM460N-60HL4-V JKM465N-60HL4-V JKM470M STC NOCT STC NOCT STC 460Wp 346Wp 465Wp 350Wp 470Wp 34.72V 32.60V 34.89V 32.77V 35.05V 13.25A 10.61A 13.33A 10.67A 13.41A 42.05V 39.94V 42.22V 40.10V 42.38V 13.99A 11.29A 14.07A 11.36A 14.15A 21.32% 21.55% 2140°C~ 1000/1500 25. +/0.309	JKM460N-60HL4-V JKM465N-60HL4-V JKM470N-60HL4-V STC NOCT STC NOCT 460Wp 346Wp 465Wp 350Wp 470Wp 353Wp 34.72V 32.60V 34.89V 32.77V 35.05V 32.94V 13.25A 10.61A 13.33A 10.67A 13.41A 10.73A 42.05V 39.94V 42.22V 40.10V 42.38V 40.25V 13.99A 11.29A 14.07A 11.36A 14.15A 11.42A 21.32% 21.55% 21.78% -40°C-+85°C 1000/1500VDC(IEC) 25A +/- 3% -0.30%/°C -0.25%/°C 0.046%/°C 0.046%/°C	JKM460N-60HL4-V JKM465N-60HL4-V JKM475N STC NOCT STSWp 475Wp 35.3Wp 475Wp 35.21V 35.21V 35.21V 13.49A 13.49A 42.58V 40.25V 42.54V 42.54V 14.23A 14.23A 14.23A 14.23A 21.78% 22. -40°C~+85°C 10000/1500VDC(IEC) 25A +/- 3% -0.30%/°C -0.25%/°C 0.046%/°C 0.046%/°C 0.046%/°C 0.046%/°C	JKM460N-60HL4-V JKM465N-60HL4-V JKM475N-60HL4-V JKM475N-60HL4-V STC NOCT STC NOCT STC NOCT 460Wp 346Wp 465Wp 350Wp 470Wp 353Wp 475Wp 357Wp 34.72V 32.60V 34.89V 32.77V 35.05V 32.94V 35.21V 33.10V 13.25A 10.61A 13.33A 10.67A 13.41A 10.73A 13.49A 10.79A 42.05V 39.94V 42.22V 40.10V 42.38V 40.25V 42.54V 40.41V 13.99A 11.29A 14.07A 11.36A 14.15A 11.42A 14.23A 11.49A 21.32% 21.55% 21.78% 22.01% 25A +/- 3% -0.30%/°C -0.25%/°C 0.046%/°C 0.046%/°C	JKM460N-60HL4-V JKM465N-60HL4-V JKM475N-60HL4-V JKM475N-60HL4-V JKM475N-60HL4-V JKM480N STC NOCT NOCT STC NOCT NOCT STC NOCT NOCT NOCT NOCT<













