

Tiger Pro 60HC

465-470 Watt

MONO-FACIAL MODULE

P-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/ Malaysia/ U.S./Vietnam



MBB HC Technology

Key Features



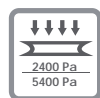
Multi Busbar Technology

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



Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



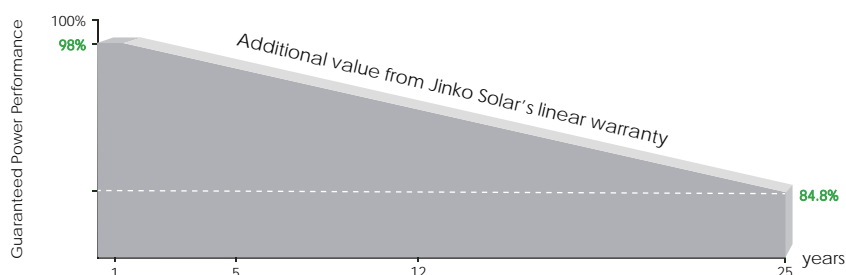
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

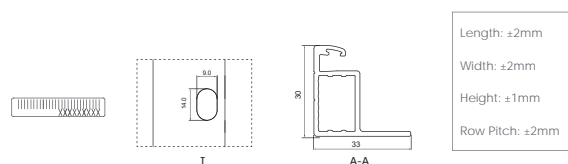
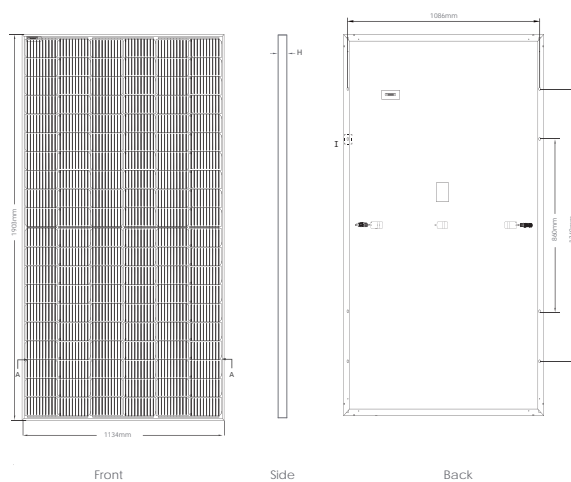


12 Year Product Warranty

25 Year Linear Power Warranty

0.55% Annual Degradation Over 25 years

Engineering Drawings

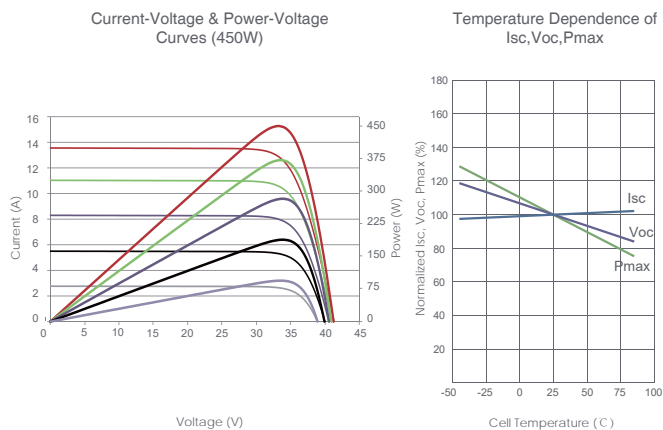


Packaging Configuration

(Two pallets = One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	P 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 (+): 290mm, (-): 145mm or Customized Length
Connector	Stäubli MC4, MC4-EVO2 ; JK03M/2B, JK03M2/2B, Jinko PV material
Fire Rating	Class C

SPECIFICATIONS

Module Type	JKM465M-60HL4-V		JKM470M-60HL4-V	
	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	465Wp	346Wp	470Wp	350Wp
Maximum Power Voltage (Vmp)	34.37V	32.12V	34.56V	32.32V
Maximum Power Current (Imp)	13.53A	10.77A	13.60A	10.82A
Open-circuit Voltage (Voc)	41.63V	39.29V	41.78V	39.43V
Short-circuit Current (Isc)	14.09A	11.38A	14.17A	11.44A
Module Efficiency STC (%)	21.54%		21.77%	
Operating Temperature(°C)	-40°C~+85°C			
Maximum system voltage	1500 VDC (IEC)			
Maximum series fuse rating	25A			
Power tolerance	0~+3%			
Temperature coefficients of Pmax	-0.35%/°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/m² Cell Temperature 25°C

NOCT: Irradiance 800W/m² Ambient Temperature 20°C

AM=1.5

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Wind Speed 1m/s

*Power measurement tolerance: +/-3%