

# Tiger Pro 54HC

## 385-405 Watt

### MONO-FACIAL MODULE

#### P-Type

Positive power tolerance of 0~+3%

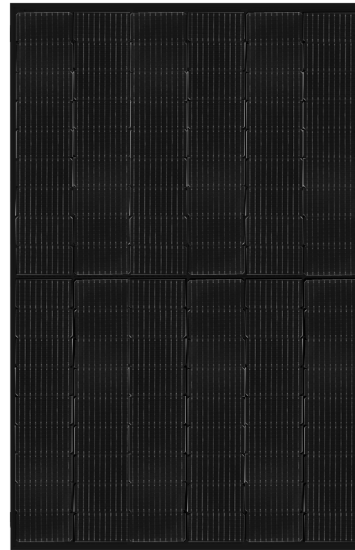
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



## 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.



#### PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



#### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



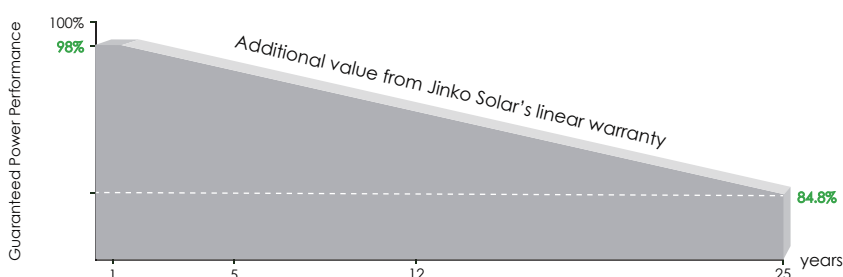
#### Enhanced Mechanical Load

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



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

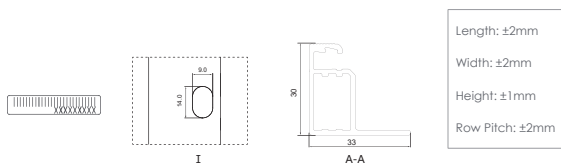
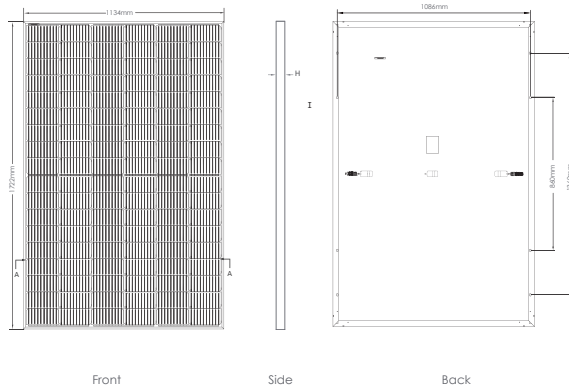


**15** Year Product Warranty

**25** Year Linear Power Warranty

**0.55%** Annual Degradation Over 25 years

## Engineering Drawings

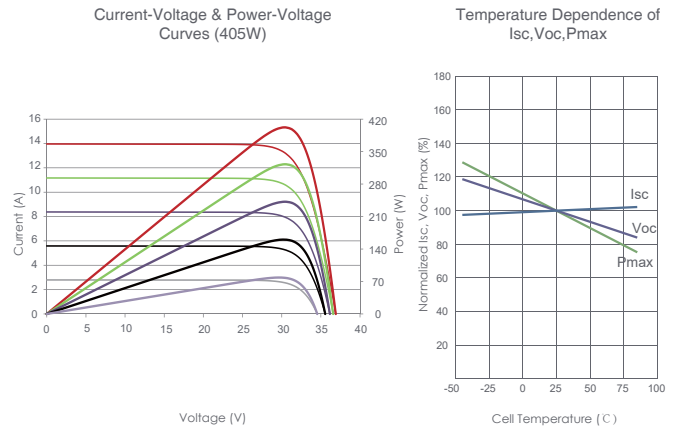


## Packaging Configuration

( Two pallets = One stack )

36pcs/pallets, 72pcs/stack, 936pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	108 (2x54)
Dimensions	1722×1134×30mm (67.80×44.65×1.18 inch)
Weight	22.0 kg (48.50 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 <sup>2</sup> (+): 400mm, (-): 200mm or Customized Length

## SPECIFICATIONS

Module Type	JKM385M-54HL4-B		JKM390M-54HL4-B		JKM395M-54HL4-B		JKM400M-54HL4-B		JKM405M-54HL4-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	385Wp	286Wp	390Wp	290Wp	395Wp	294Wp	400Wp	298Wp	405Wp	301Wp
Maximum Power Voltage (Vmp)	30.68V	28.33V	30.88V	28.53V	31.08V	28.70V	31.28V	28.89V	31.47V	29.08V
Maximum Power Current (Imp)	12.55A	10.11A	12.63A	10.17A	12.71A	10.24A	12.79A	10.30A	12.87A	10.36A
Open-circuit Voltage (Voc)	36.78V	34.71V	36.98V	34.90V	37.18V	35.09V	37.38V	35.28V	37.58V	35.47V
Short-circuit Current (Isc)	13.31A	10.75A	13.39A	10.81A	13.47A	10.88A	13.55A	10.94A	13.63A	11.01A
Module Efficiency STC (%)	19.72%		19.97%		20.23%		20.48%		20.74%	
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	-0.35%/°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/m<sup>2</sup> Cell Temperature 25°C AM=1.5  
 NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s