

# Tiger LM 60HC

## 360-380 Watt

### MONO-FACIAL MODULE

#### P-Type

Positive power tolerance of 0~+3%

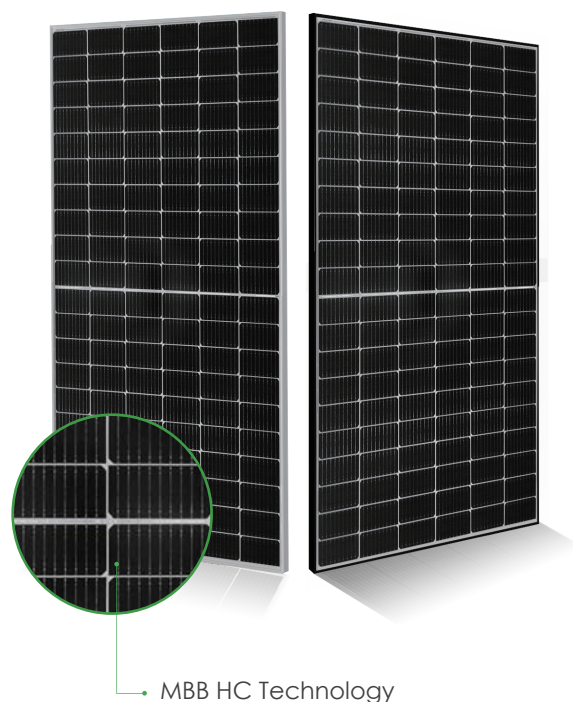
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



MBB HC Technology

## Key Features



#### Multi Busbar Technology

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



#### PID Resistance

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



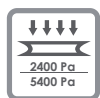
#### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



#### Reduced Hot Spot Loss

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



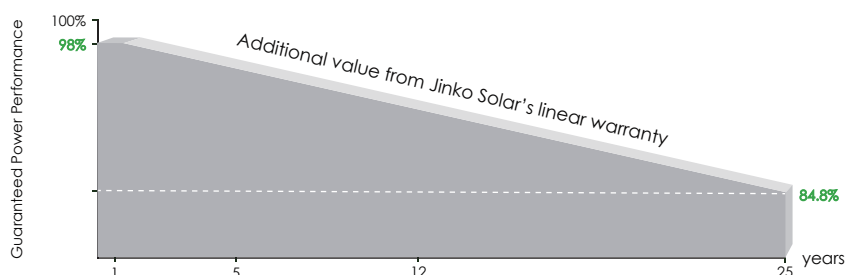
#### Enhanced Mechanical Load

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



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

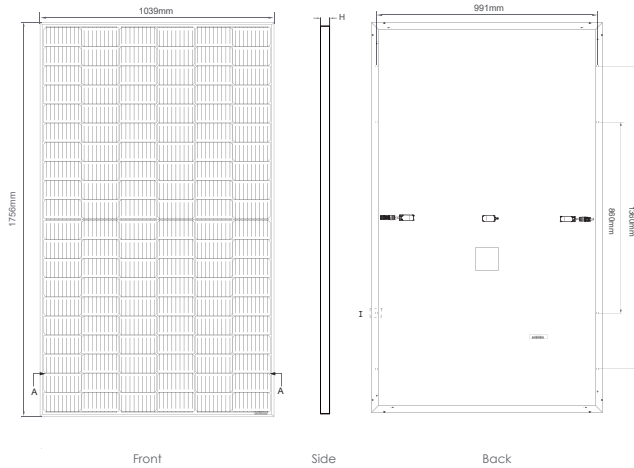


**12** Year Product Warranty

**25** Year Linear Power Warranty

**0.55%** Annual Degradation Over 25 years

## Engineering Drawings

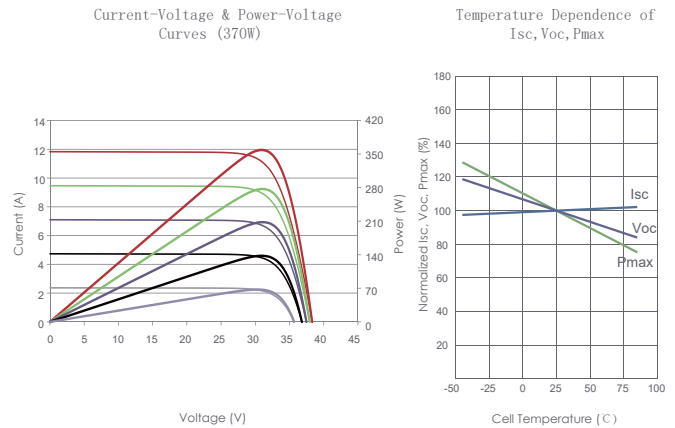


## Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 910pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono PERC 166×166mm
No. of cells	120 (6×20)
Dimensions	1756×1039×30mm (69.13×40.91×1.18 inch)
Weight	21kg (46.3lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm² (+): 290mm, (-): 145mm or Customized Length

## SPECIFICATIONS

Module Type	JKM360M-60HLM		JKM365M-60HLM		JKM370M-60HLM		JKM375M-60HLM		JKM380M-60HLM	
	JKM360M-60HLM-V		JKM365M-60HLM-V		JKM370M-60HLM-V		JKM375M-60HLM-V		JKM380M-60HLM-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	360Wp	268Wp	365Wp	272Wp	370Wp	275Wp	375Wp	279Wp	380Wp	283Wp
Maximum Power Voltage (Vmp)	34.00V	31.14V	34.18V	31.36V	34.36V	31.57V	34.53V	31.70V	34.74V	31.87V
Maximum Power Current (Imp)	10.59A	8.60A	10.68A	8.66A	10.77A	8.72A	10.86A	8.80A	10.94A	8.87A
Open-circuit Voltage (Voc)	40.58V	38.22V	40.76V	38.39V	40.94V	38.56V	41.12V	38.73V	41.30V	38.90V
Short-circuit Current (Isc)	11.32A	9.14A	11.41A	9.22A	11.50A	9.29A	11.59A	9.36A	11.68A	9.43A
Module Efficiency STC (%)	19.73%		20.01%		20.28%		20.55%		20.83%	
Operating Temperature(°C)	-40℃~+85℃									
Maximum System Voltage	1000/1500VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.35%/℃									
Temperature Coefficients of Voc	-0.29%/℃									
Temperature Coefficients of Isc	0.048%/℃									
Nominal Operating Cell Temperature (NOCT)	45±2℃									

\*STC: Irradiance 1000W/m² Cell Temperature 25°C

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

AM=1.5

AM=1.5

Wind Speed 1m/s