

Tiger LM 60HC

365-385 Watt

MONO-FACIAL MODULE

P-Type

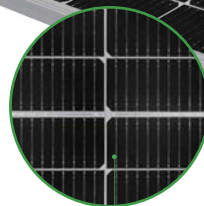
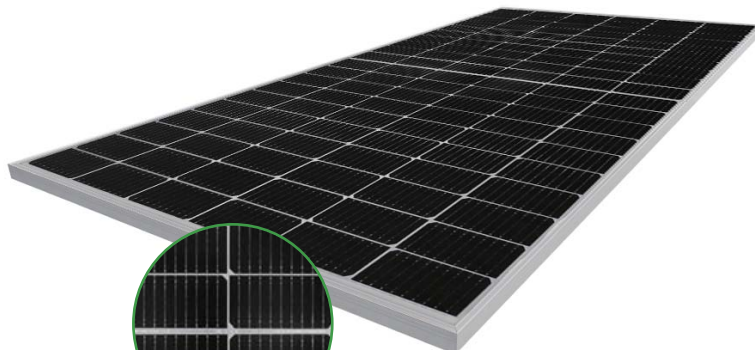
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems
(Made in China)



MBB HC Technology

Key Features



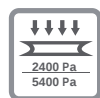
Multi Busbar Technology

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.



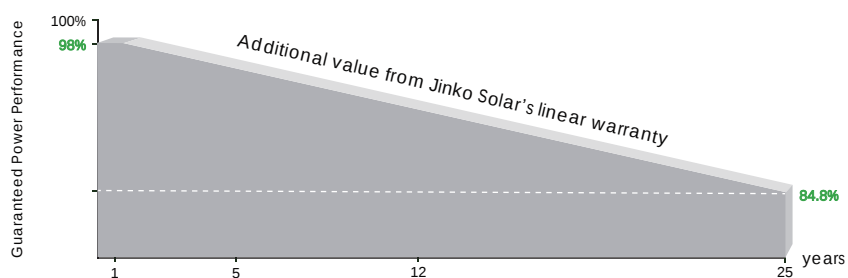
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

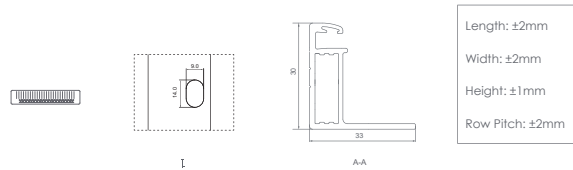
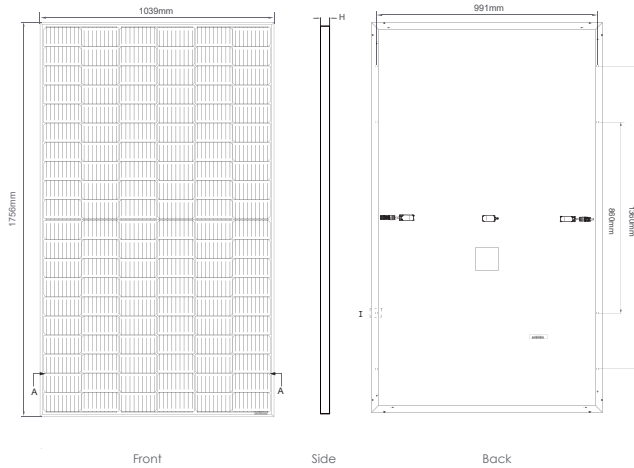


12 Year Product Warranty

25 Year Linear Power Warranty

0.55% Annual Degradation Over 25 years

Engineering Drawings

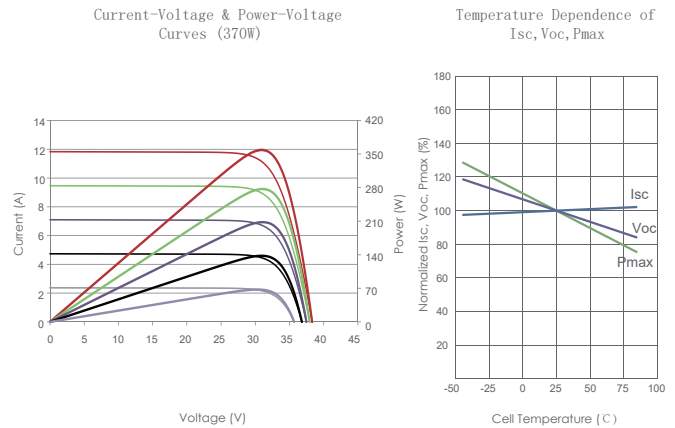


Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 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 1×4.0mm ² (+): 290mm, (-): 145mm or Customized Length
Connector Type	1000V: Staubli MC4-JK03M/1B, JK03M2/1B, Jinko PV material 1500V: Staubli MC4-EVO2-JK03M/2B, JK03M2/2B, Jinko PV material
Fire Class	Class C

SPECIFICATIONS

Module Type	JKM365M-60HLM		JKM370M-60HLM		JKM375M-60HLM		JKM380M-60HLM		JKM385M-60HLM	
	JKM365M-60HLM-V		JKM370M-60HLM-V		JKM375M-60HLM-V		JKM380M-60HLM-V		JKM385M-60HLM-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	365Wp	272Wp	370Wp	275Wp	375Wp	279Wp	380Wp	283Wp	385Wp	286Wp
Maximum Power Voltage (Vmp)	34.18V	31.36V	34.36V	31.57V	34.53V	31.70V	34.74V	31.87V	34.91V	32.04V
Maximum Power Current (Imp)	10.68A	8.66A	10.77A	8.72A	10.86A	8.80A	10.94A	8.87A	11.03A	8.94A
Open-circuit Voltage (Voc)	40.76V	38.39V	40.94V	38.56V	41.12V	38.73V	41.30V	38.90V	41.48V	39.07V
Short-circuit Current (Isc)	11.41A	9.22A	11.50A	9.29A	11.59A	9.36A	11.68A	9.43A	11.77A	9.51A
Module Efficiency STC (%)	20.01%		20.28%		20.55%		20.83%		21.10%	
Operating Temperature(°C)	-40℃~+85℃									
Maximum System Voltage	1000/1500VDC (IEC) with -V=1500V, without -V=1000V									
Maximum Series Fuse Rating	20A									
Power measurement tolerance	-3%~+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