

Cheetah 72M 380-400 Watt

MONO PERC MODULE

Positive power tolerance of 0~+3%

ISO9001:20015, ISO14001:2015, ISO45001:2018 certified factory

IEC61215, IEC61730, UL1703 certified product



PERC



KEY FEATURES



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency

Higher module conversion efficiency (up to 20.17%) benefit from Passivated Emmitter Rear Contact (PERC) technology.



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environment.



Severe Weather Resilience

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



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

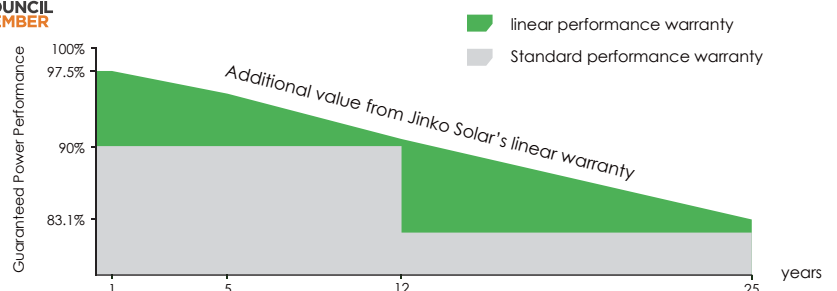
12 Year Product Warranty • 25 Year Linear Power Warranty



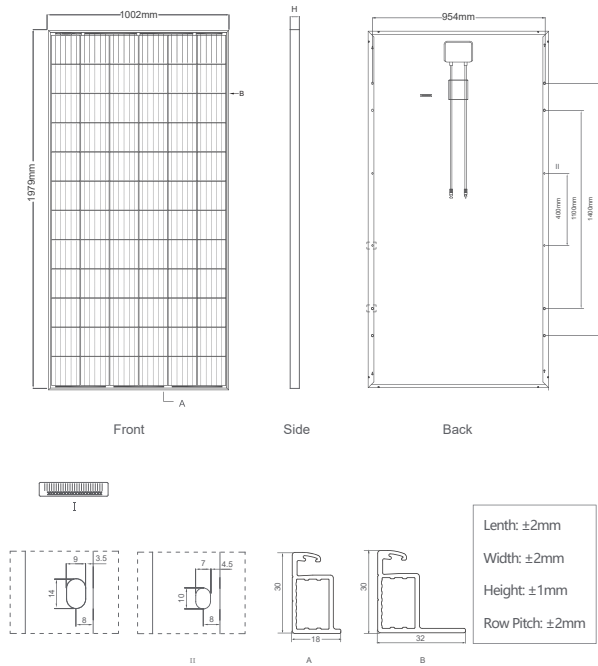
Nomenclature:

JKMxxxM-60/72H-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V



Engineering Drawings

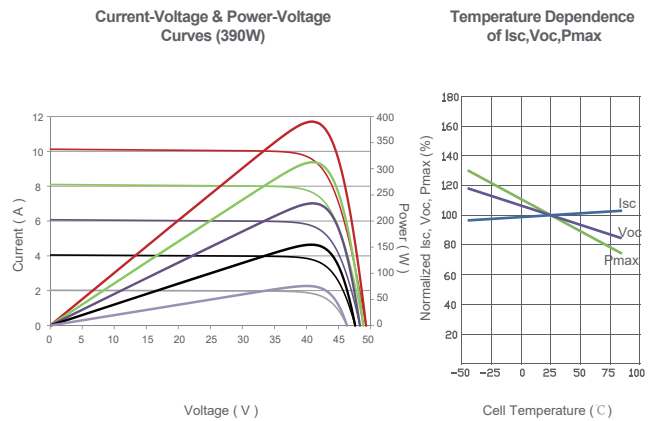


Packaging Configuration

(Two pallets=One stack)

35pcs/pallet, 70pcs/stack, 770pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC	158.75×158.75mm
No. of cells	72 (6×12)	
Dimensions	1979×1002×30mm (77.91×39.45×1.18 inch)	
Weight	21.6 kg (47.6 lbs)	
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67 Rated	
Output Cables	TÜV 1×4.0mm ² , Length 900/1200mm or Customized Length	

SPECIFICATIONS

Module Type	JKM380M-72		JKM385M-72		JKM390M-72		JKM395M-72		JKM400M-72	
	JKM380M-72-V	JKM380M-72-V	JKM385M-72-V	JKM385M-72-V	JKM390M-72-V	JKM390M-72-V	JKM395M-72-V	JKM395M-72-V	JKM400M-72-V	JKM400M-72-V
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	380Wp	280Wp	385Wp	283Wp	390Wp	287Wp	395Wp	291Wp	400Wp	294Wp
Maximum Power Voltage (Vmp)	39.1V	36.5V	39.37V	36.8V	39.64V	37.0V	39.90V	37.4V	40.16V	37.6V
Maximum Power Current (Imp)	9.72A	7.67A	9.78A	7.71A	9.84A	7.75A	9.90A	7.77A	9.96A	7.82A
Open-circuit Voltage (Voc)	48.2V	45.4V	48.40V	45.6V	48.6V	45.8V	48.8V	46.0V	49.1V	46.2V
Short-circuit Current (Isc)	10.3A	8.32A	10.38A	8.38A	10.46A	8.45A	10.54A	8.51A	10.61A	8.57A
Module Efficiency STC (%)	19.16%		19.42%		19.67%		19.92%		20.17%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000/1500VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.37%/°C									
Temperature Coefficients of Voc	-0.29%/°C									
Temperature Coefficients of Isc	0.048%/°C									
Nominal Operating Cell Temperature (NOCT)	45±2°C									

STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: ± 3%