

Cheetah 72M 390-410 Watt

MONO PERC MODULE

Positive power tolerance of 0~+5W

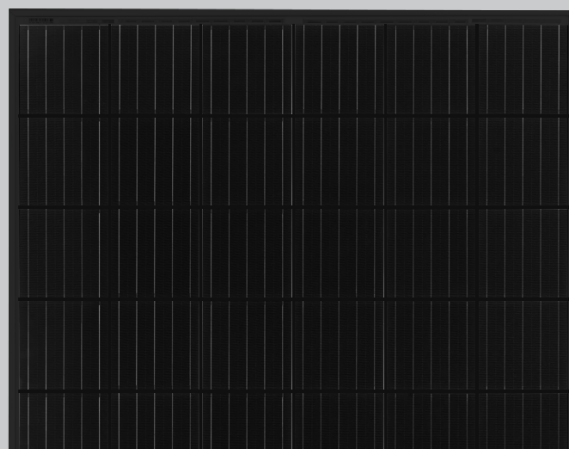
ISO9001:20015, ISO14001:2015, OHSAS18001
certified factory

IEC61215(2016), IEC61730(2016),
UL1703 certified product

(Made in China/Malaysia/Vietnam)



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 20.68%) 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).

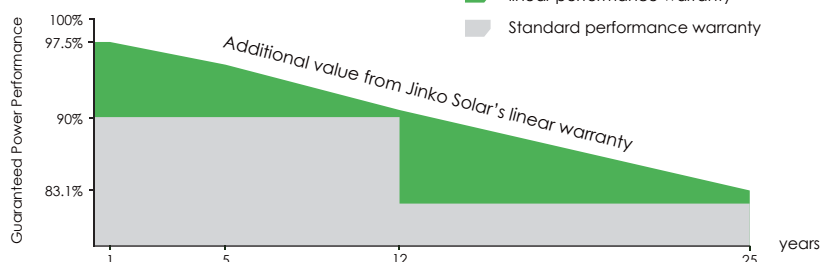


Durability Against Extreme Environmental Conditions

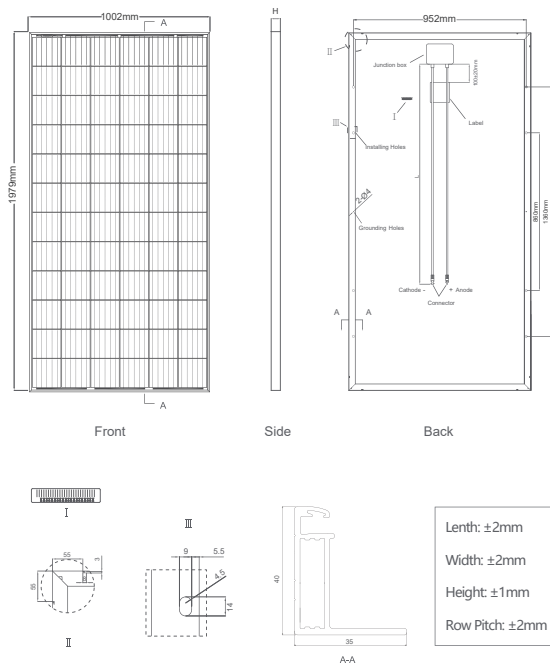
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

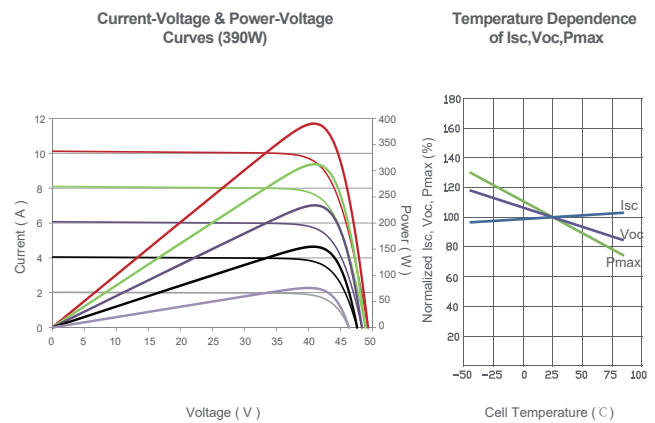


Packaging Configuration

(Two pallets=One stack)

27pcs/pallet, 54pcs/stack, 594pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type Mono PERC 158.75×158.75mm

No. of cells 72 (6×12)

Dimensions 1979×1002×40mm (77.91×39.45×1.57 inch)

Weight 22.5 kg (49.6 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 1×4.0mm², Length 900/1200mm or Customized

Connector JK03M/1B, Genuine MC4

Fire Rating Class C

SPECIFICATIONS

Module Type	JKM390M-72B		JKM395M-72B		JKM400M-72B		JKM405M-72B		JKM410M-72B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	390Wp	294Wp	395Wp	298Wp	400Wp	302Wp	405Wp	306Wp	410Wp	310Wp
Maximum Power Voltage (Vmp)	41.1V	39.1V	41.4V	39.3V	41.7V	39.6V	42.0V	39.8V	42.3V	40.0V
Maximum Power Current (Imp)	9.49A	7.54A	9.55A	7.60A	9.60A	7.66A	9.65A	7.72A	9.70A	7.76A
Open-circuit Voltage (Voc)	49.3V	48.0V	49.5V	48.2V	49.8V	48.5V	50.1V	48.7V	50.3V	48.9V
Short-circuit Current (Isc)	10.46A	8.02A	10.54A	8.09A	10.61A	8.16A	10.69A	8.22A	10.76A	8.26A
Module Efficiency STC (%)	19.67%		19.92%		20.17%		20.42%		20.68%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+5W									
Temperature Coefficients of Pmax	-0.37%/°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

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%

Voc tolerance: ± 3%

Isc tolerance: ± 4%

sorting tolerance: 0~+5W