

# Cheetah 72M-V 380-400 Watt

MONO PERC MODULE

Positive power tolerance of 0~+3%

ISO9001:2008, ISO14001:2004, OHSAS18001  
certified factory

IEC61215, IEC61730, UL1703 certified product

(Made in China)



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 Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



### High Efficiency

Higher module conversion efficiency (up to 19.67%) 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).

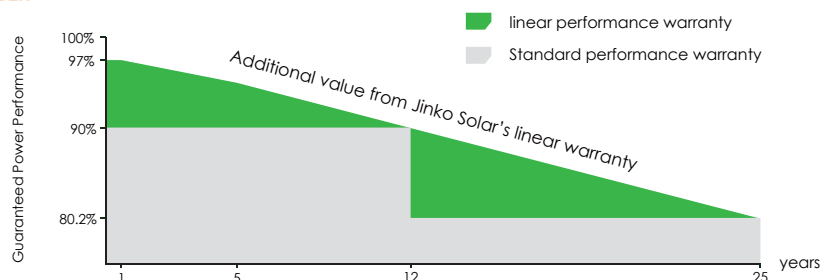


### Durability Against Extreme Environmental Conditions

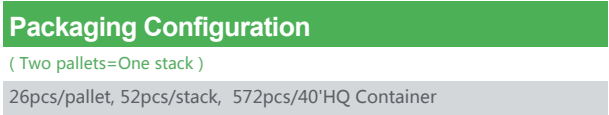
High salt mist and ammonia resistance certified by TUV NORD.

## LINEAR PERFORMANCE WARRANTY

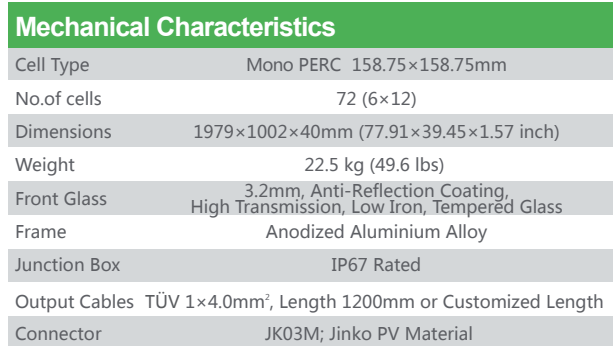
10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings



## Electrical Performance & Temperature Dependence



## SPECIFICATIONS

Module Type	JKM380M-72-V		JKM385M-72-V		JKM390M-72-V		JKM395M-72-V		JKM400M-72-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp	395Wp	298Wp	400Wp	302Wp
Maximum Power Voltage (Vmp)	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V	41.4V	39.3V	41.7V	39.6V
Maximum Power Current (Imp)	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A	9.55A	7.60A	9.60A	7.66A
Open-circuit Voltage (Voc)	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V	49.5V	48.2V	49.8V	48.5V
Short-circuit Current (Isc)	10.30A	7.88A	10.38A	7.95A	10.46A	8.02A	10.54A	8.09A	10.61A	8.16A
Module Efficiency STC (%)	19.16%		19.42%		19.67%		19.92%		20.17%	
Operating Temperature (°C)					-40°C~+85°C					
Maximum System Voltage					1500VDC (IEC)					
Maximum Series Fuse Rating					20A					
Power Tolerance					0~+3%					
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/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

\* Power measurement tolerance:  $\pm 3\%$

The company reserves the final right for explanation on any of the information presented hereby. JKM380-400M-72-V-A1-EN