

Cheetah MX HC 72M-V

370-390 Watt

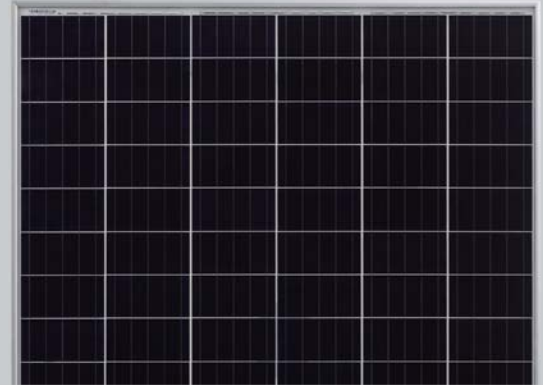
MONO PERC MODULE
Power Optimized

Positive power tolerance of 0~+3%

ISO9001:2015、ISO14001:2015、OHSAS18001
certified factory.
IEC61215、IEC61730、UL1741 certified products.



PERC



KEY FEATURES



Higher Power Output

Decrease in current loss yields higher module efficiency



High Voltage

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



Voltage Limiting Feature

37.2V for 72-cell modules allows for longer strings, reduces overall BOS



Shade Tolerance

More Shade tolerance due to twin arrays and cell string MPPT



Built-in Submodule Optimizer

No additional electronics or hardware required; allows for simple installation



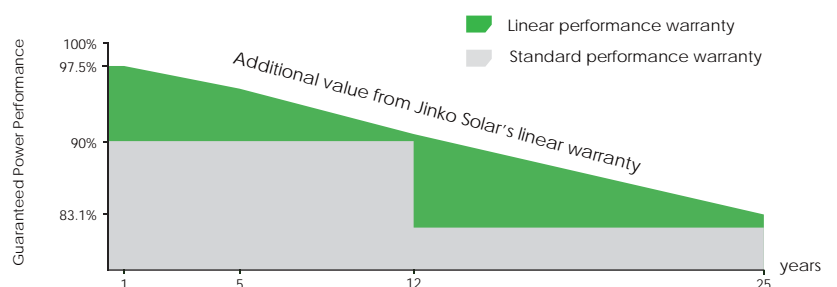
PID Free

Reinforced cell prevents potential induced degradation

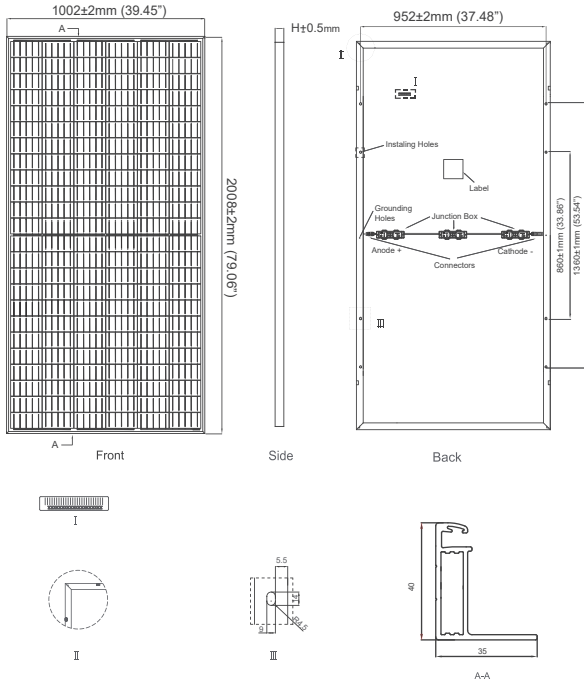


LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

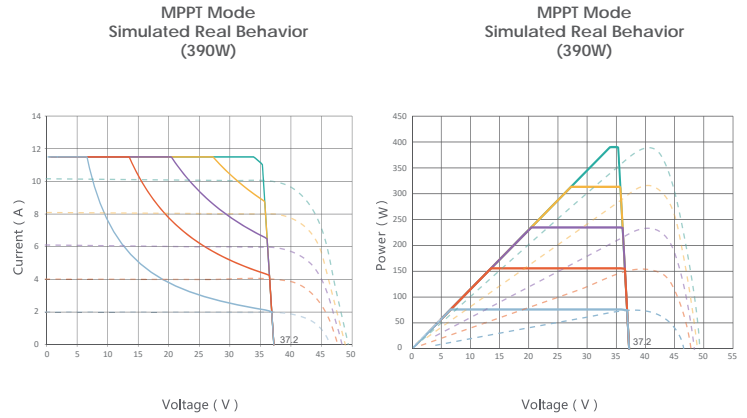


Packaging Configurations

(Two pallets =One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC	158.75×158.75mm
No. of Cells	144	(6×24)
Dimensions	2008×1002×40mm (79.06×39.45×1.57 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 1x4.0mm ² , (+): 290mm, (-): 145mm or Customized Length	

SPECIFICATIONS

Module Type	JKMS370M-72H-V-MX3		JKMS375M-72H-V-MX3		JKMS380M-72H-V-MX3		JKMS385M-72H-V-MX3		JKMS390M-72H-V-MX3	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	370Wp	278Wp	375Wp	282Wp	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp
Maximum Power Voltage (Vmp)	39.9V	38.1V	40.2V	38.3V	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V
Maximum Power Current (Imp)	9.28A	7.30A	9.33A	7.36A	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A
Open-circuit Voltage (Voc)	48.5V	47.0V	48.7V	47.2V	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V
Short-circuit Current (Isc)	10.15A	7.75A	10.23A	7.82A	10.30A	7.88A	10.38A	7.95A	10.46A	8.02A
Module Efficiency STC (%)	18.39%		18.64%		18.89%		19.14%		19.38%	
Maximum series fuse rating	15A									
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1500VDC (UL and IEC)									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.36%/°C									
Temperature Coefficients of Voc	-0.28%/°C for VOC ≤ 37.2V 0.0% °C for VOC >37.2V									
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%