

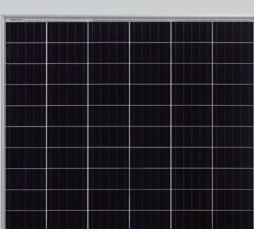
Cheetah HC 72M 390-410 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- · Half Cell
- · Mono PERC 72 Cell







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 20.38%) benefit from half cell structure (low resistance characteristic).



PID Resistance

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



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-liaht 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











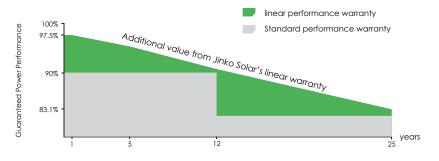
12 Year Product Warranty • 25 Year Linear Power Warranty

- ISO9001:2015, ISO14001:2015, ISO45001:2018 certified factory
- IEC61215, IEC61730, certified product

Nomenclature:

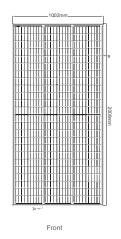
JKMxxxM-60/72H-V

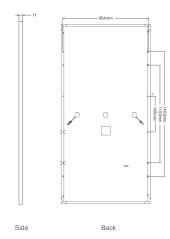
Code	Cell	Code	Certification	
null H	Full Half	null	1000V 1500V	
н	Hair	V	15000	

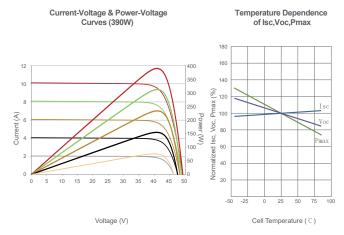


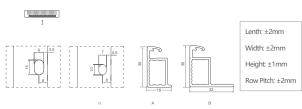
Engineering Drawings

Electrical Performance & Temperature Dependence









Packaging Configuration

(Two pallets =One stack)

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

Mechanical Characteristics					
Cell Type	Mono PERC 158.75×158.75mm				
No.of Half-cells	144 (6×24)				
Dimensions	2008×1002×30mm (79.06×39.45×1.18 inch)				
Weight	22.0 kg (48.5 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 1x4.0mm², (+) 290mm, (-) 145mm or Customized Length				

SPECIFICATIONS					
Module Type	JKM390M-72H JKM390M-72H-V	JKM395M-72H JKM395M-72H-V	JKM400M-72H JKM400M-72H-V	JKM405M-72H JKM405M-72H-V	JKM410M-72H JKM410M-72H-V
	STC NOCT				
Maximum Power (Pmax)	390Wp 287Wp	395Wp 291Wp	400Wp 294Wp	405Wp 298Wp	410Wp 302Wp
Maximum Power Voltage (Vmp)	39.64V 37.0V	39.90V 37.4V	40.16V 37.6V	40.42V 37.8V	40.68V 38.0V
Maximum Power Current (Imp)	9.84A 7.75A	9.90A 7.77A	9.96A 7.82A	10.02A 7.88A	10.08A 7.94A
Open-circuit Voltage (Voc)	48.6V 45.8V	48.8V 46.0V	49.1V 46.2V	49.4V 46.5V	49.6V 46.7V
Short-circuit Current (Isc)	10.46A 8.45A	10.54A 8.51A	10.61A 8.57A	10.69A 8.63A	10.76A 8.69A
Module Efficiency STC (%)	19.38%	19.63%	19.88%	20.13%	20.38%
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			-0.35%/°C		
Temperature Coefficients of Voc			-0.29%/°C		
Temperature Coefficients of Isc			0.048%/℃		
Nominal Operating Cell Temperature (N	IOCT)		45±2°C		













Wind Speed 1m/s

^{*} Power measurement tolerance: ± 3%