

# Cheetah Dual 72 375-395 Watt

MONOCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008-ISO14001:2004-OHSAS18001 certified factory.

IEC61215-IEC61730 certified products.



PERC



## KEY FEATURES



### PID Resistance

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



### Higher Lifetime Power Yield:

0.5% annual power degradation  
30 year linear power warranty



### Saving BOS Cost:

Designed for high voltage systems of up to 1500 VDC, saving BOS cost



### Improved Durability and Reliability:

Dual glass reduces micro-cracking, snail trails, corruptions caused by moisture, sand, salt mist, acid, alkali, etc.



### Less Maintenance Requirement:

Reduced soiling and requires less maintenance and enhances fire safety



### Aesthetically Pleasing Design:

White encapsulation material maximizes module efficiency up to 19.51% (72-mono max. output 395W); Transparent EVA increases light transmission, ideal for installations requiring light to pass through



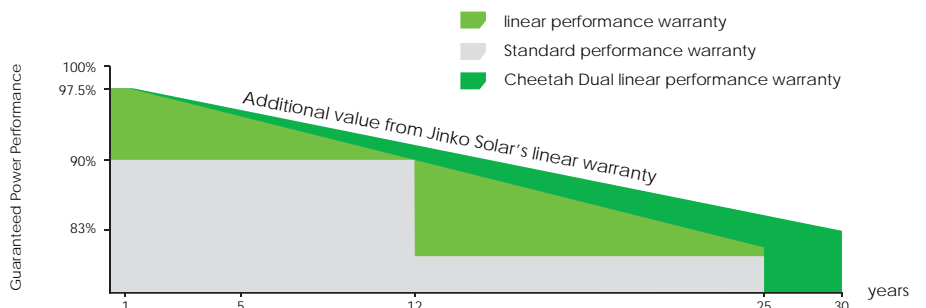
### Strengthened Mechanical Support:

5400 Pa snow load, 2400 Pa wind load

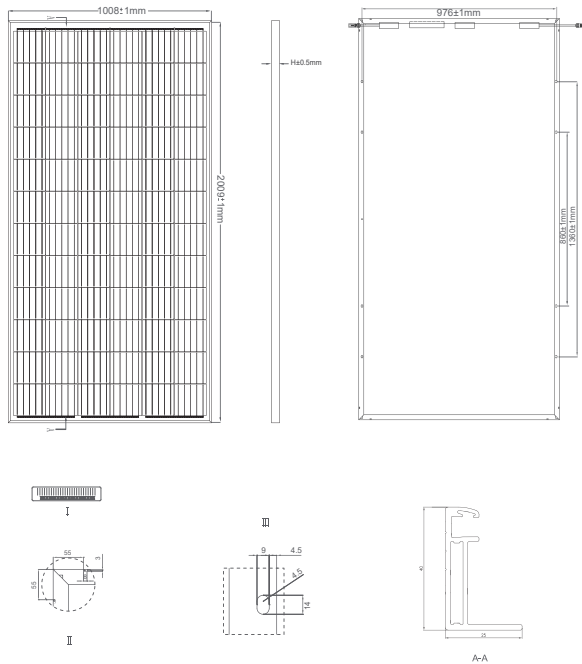


## LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 30 Year Linear Power Warranty  
0.5% Annual Degradation Over 30 years



## Engineering Drawings

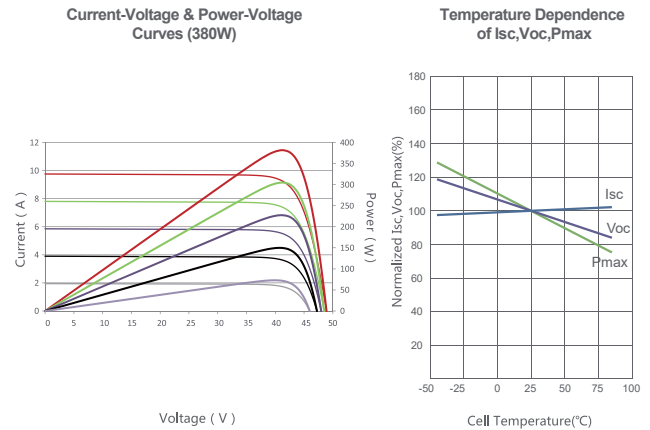


## Packaging Configuration

(Two pallets = One stack)

26pcs/pallets, 52pcs/stack, 572pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of cells	72 (6×12)
Dimensions	2009x1008x40mm (79.09x39.69x1.57 inch)
Weight	31.3kg (69.0 lbs)
Front Glass	2.5mm, High transmission, Antireflection coating, heat strengthened glass
Back Glass	2.5mm heat strengthened glass
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 250mm, (-): 150mm or customized length
Frame	Anodized Aluminium Alloy

## SPECIFICATIONS

Module Type	JKM375M-72-DV		JKM380M-72-DV		JKM385M-72-DV		JKM390M-72-DV		JKM395M-72-DV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	375Wp	282Wp	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp	395Wp	298Wp
Maximum Power Voltage (Vmp)	40.2V	38.3V	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V	41.4V	39.3V
Maximum Power Current (Imp)	9.33A	7.36A	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A	9.55A	7.60A
Open-circuit Voltage (Voc)	48.7V	47.2V	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V	49.5V	48.2V
Short-circuit Current (Isc)	9.68A	7.82A	9.75A	7.88A	9.92A	7.95A	10.12A	8.02A	10.23A	8.09A
Module Efficiency STC (%)	18.52%		18.76%		19.01%		19.26%		19.51%	
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: ± 3%