

Cheetah 60M 315-335 Watt

MONO PERC MODULE

Positive power tolerance of 0~+3%

ISO9001:2015, ISO14001:2015, ISO45001:2018
certified factory

IEC61215, IEC61730, UL1703 certified product



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 20.08%) 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 cell surface textured design ensure 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

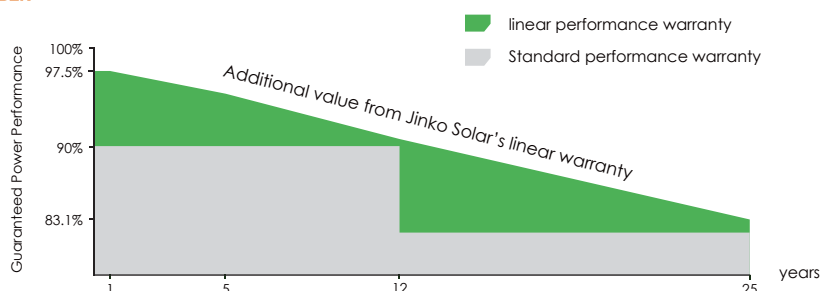
12 Year Product Warranty • 25 Year Linear Power Warranty



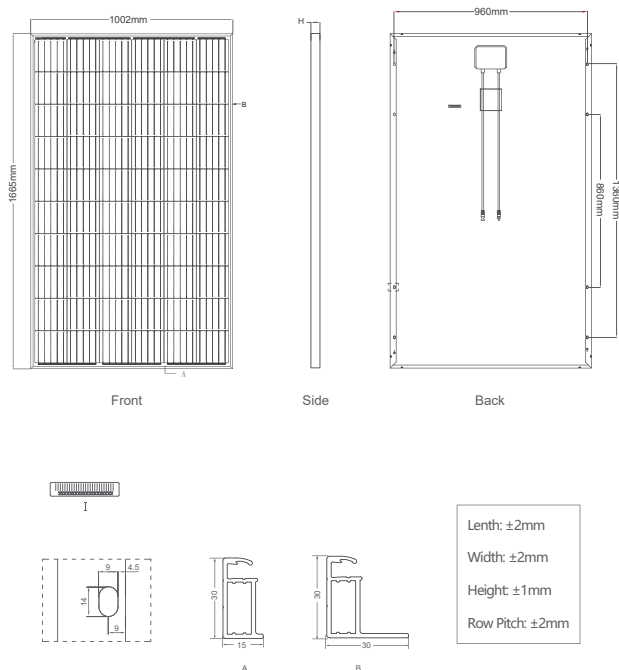
Nomenclature:

JKMxxxM-60/72H-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V



Engineering Drawings

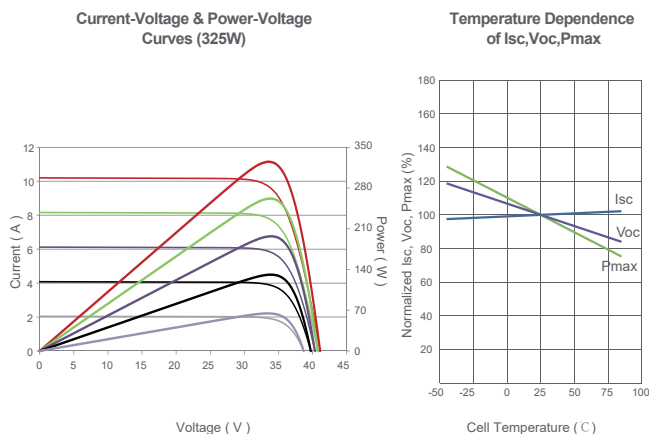


Packaging Configuration

(Two pallets = One stack)

35pcs/pallet , 70pcs/stack, 980pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC	158.75×158.75mm
No. of cells	60 (6×10)	
Dimensions	1665×1002×30mm (65.55×39.45×1.18 inch)	
Weight	18.2 kg (40.1 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 1×4.0mm ² , Length 900mm or Customized Length	

SPECIFICATIONS

Module Type	JKM315M-60		JKM320M-60		JKM325M-60		JKM330M-60		JKM335M-60	
	JKM315M-60-V		JKM320M-60-V		JKM325M-60-V		JKM330M-60-V		JKM335M-60-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	315Wp	232Wp	320Wp	236Wp	325Wp	239Wp	330Wp	243Wp	335Wp	247Wp
Maximum Power Voltage (Vmp)	32.95V	30.1V	33.16V	30.4V	33.37V	30.6V	33.54V	30.7V	33.74V	30.9V
Maximum Power Current (Imp)	9.56A	7.69A	9.65A	7.74A	9.74A	7.82A	9.84A	7.9A	9.93A	7.98A
Open-circuit Voltage (Voc)	40.0V	37.7V	40.2V	37.9V	40.4V	38.1V	40.6V	38.2V	40.8V	38.4V
Short-circuit Current (Isc)	10.23A	8.26A	10.31A	8.33A	10.50A	8.48A	10.61A	8.57A	10.73A	8.67A
Module Efficiency STC (%)	18.88%		19.18%		19.48%		19.78%		20.08%	
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	-0.37%/°C									
Temperature Coefficients of Voc	-0.29%/°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%