

Cheetah 60M 315-335 Watt

MONO PERC MODULE

Positive power tolerance of 0~+5W

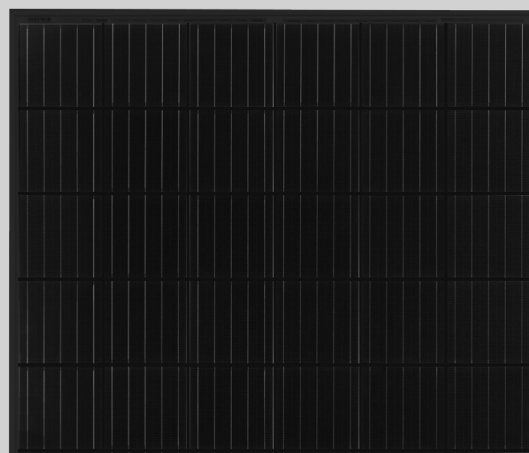
ISO9001:2015, ISO14001:2015, OHSAS18001
certified factory

IEC61215(2016), IEC61730(2016),
UL1703 certified product

(Made in China/Malaysia/Vietnam)



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).

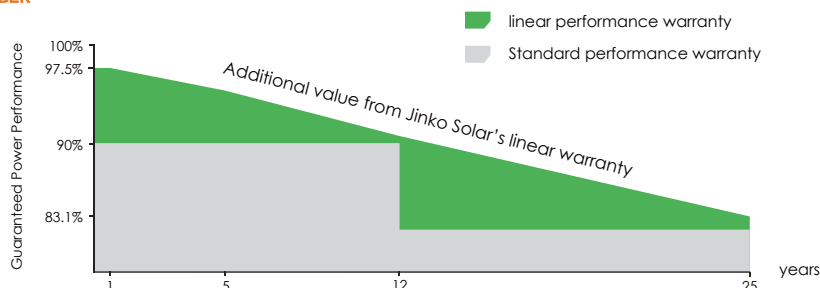


Durability Against Extreme Environmental Conditions

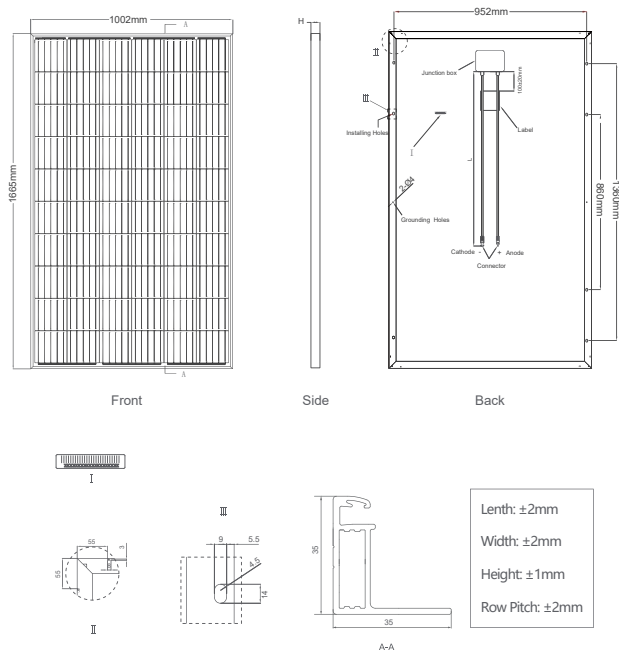
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

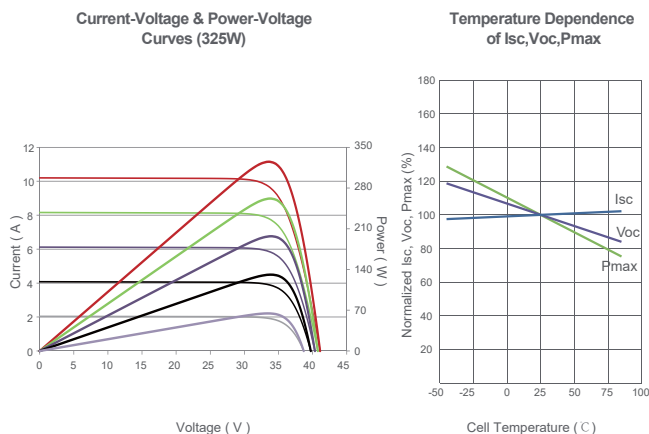


Packaging Configuration

(Two pallets = One stack)

31 pcs/pallet , 62 pcs/stack, 868 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC	158.75×158.75mm
No. of cells	60 (6×10)	
Dimensions	1665×1002×35mm	(65.55×39.45×1.38 inch)
Weight	19.0 kg	(41.9 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 1×4.0mm², Length 900mm or Customized Length	
Connector	JK03M/1B, Genuine MC4	
Fire Rating	Class C	

SPECIFICATIONS

Module Type	JKM310M-60B		JKM315M-60B		JKM320M-60B		JKM325M-60B		JKM330M-60B		JKM335M-60B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	310Wp	231Wp	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp
Maximum Power Voltage (Vmp)	33.0V	31.0V	33.2V	31.2V	33.4V	31.4V	33.6V	31.6V	33.8V	31.8V	34.0V	32.0V
Maximum Power Current (Imp)	9.40A	7.49A	9.49A	7.56A	9.59A	7.62A	9.68A	7.66A	9.77A	7.74A	9.86A	7.82A
Open-circuit Voltage (Voc)	40.5V	37.4V	40.7V	37.6V	40.9V	37.8V	41.1V	38.0V	41.3V	38.2V	41.5V	38.4V
Short-circuit Current (Isc)	10.15A	8.20A	10.23A	8.33A	10.31A	8.44A	10.50A	8.54A	10.61A	8.65A	10.73A	8.74A
Module Efficiency STC (%)	18.58%		18.88%		19.18%		19.48%		19.78%		20.08%	
Operating Temperature (°C)	-40°C~+85°C											
Maximum System Voltage	1000VDC (IEC)											
Maximum Series Fuse Rating	20A											
Power Tolerance	0~+5W											
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/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%
Voc tolerance: ± 3%
Isc tolerance: ± 4%
sorting tolerance: 0~+5W