www.jinkosolar.com

Jinko Solar
Building Your Trust in Solar

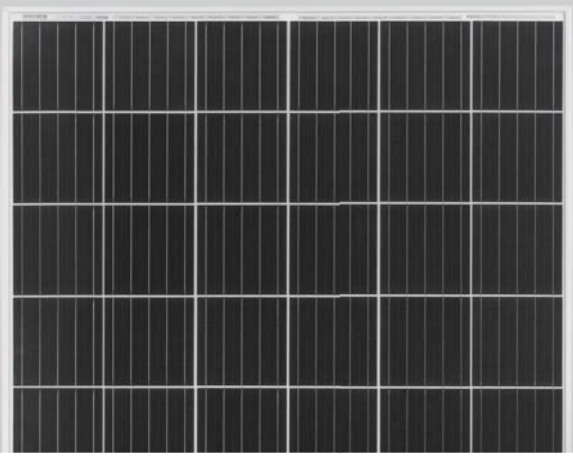
Cheetah 60M
305-325 Watt
MONO PERC MODULE

Positive power tolerance of 0~+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory

IEC61215, IEC61730, UL1703 certified product

Cheetah 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 19.48%) benefit from Passivated Emmiter Rear Contact (PERC) technology.

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

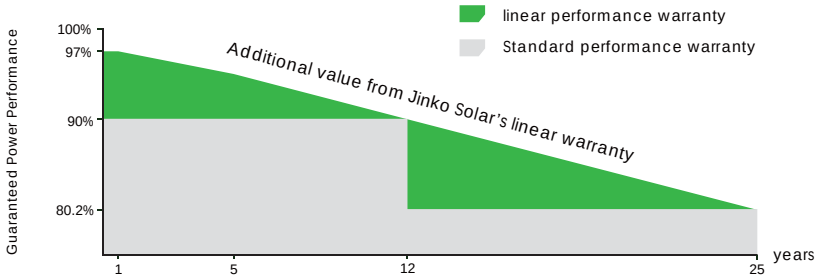
Low-light Performance
Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

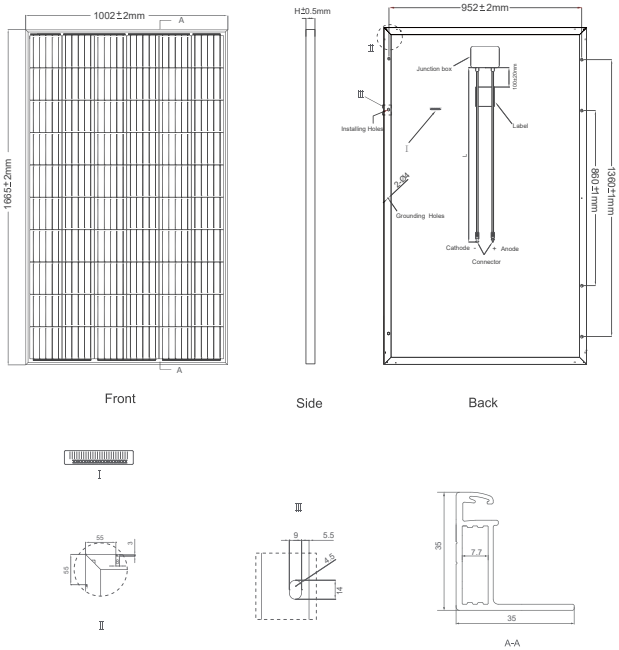
Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

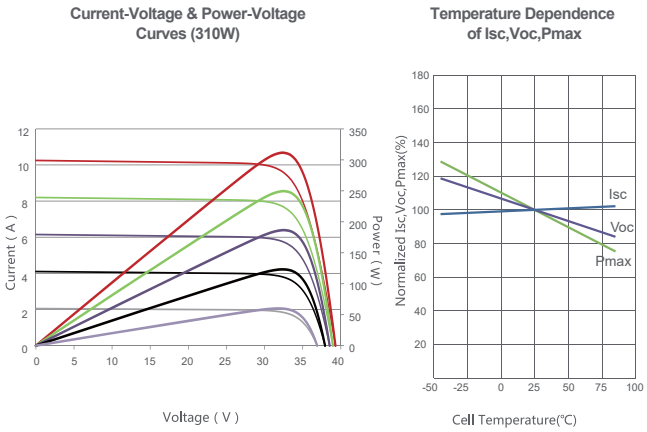
10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



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

Packaging Configuration

(Two pallets = One stack)

30pcs/pallet , 60pcs/stack, 780pcs/40'HQ Container

SPECIFICATIONS

Module Type	JKM305M-60		JKM310M-60		JKM315M-60		JKM320M-60		JKM325M-60	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	305Wp	227Wp	310Wp	231Wp	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp
Maximum Power Voltage (Vmp)	32.8V	30.8V	33.0V	31.0V	33.2V	31.2V	33.4V	31.4V	33.6V	31.6V
Maximum Power Current (Imp)	9.30A	7.40A	9.40A	7.49A	9.49A	7.56A	9.59A	7.62A	9.68A	7.66A
Open-circuit Voltage (Voc)	40.3V	37.2V	40.5V	37.4V	40.7V	37.6V	40.9V	37.8V	41.1V	38.0V
Short-circuit Current (Isc)	9.83A	8.12A	9.92A	8.20A	10.04A	8.33A	10.15A	8.44A	10.20A	8.54A
Module Efficiency STC (%)	18.28%		18.58%		18.88%		19.18%		19.48%	
Operating Temperature (℃)	-40℃~+85℃									
Maximum System Voltage	1000VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.39%/℃									
Temperature Coefficients of Voc	-0.29%/℃									
Temperature Coefficients of Isc	0.048%/℃									
Nominal Operating Cell Temperature (NOCT)	45±2℃									

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%

The company reserves the final right for explanation on any of the information presented hereby. EN-JKM-PERC-325M-60_v1.0_rev2018