

Cheetah HC 60M-B

325-345 Watt

N-TYPE MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

- Half Cell
- N-Type Mono 60 Cell



N-TYPE



KEY FEATURES



N-type HOT Technology

N-type HOT technology makes 20.45% mono-facial module efficiency



9 Busbar Solar Cell

9 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation



Better Low-light Performance

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



Saving BOS Cost

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



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD



Higher Lifetime Power Yield

Superior Warranty: 30 years performance warranty;
1% First year degradation 0.4% Linear power degradation



LINEAR PERFORMANCE WARRANTY

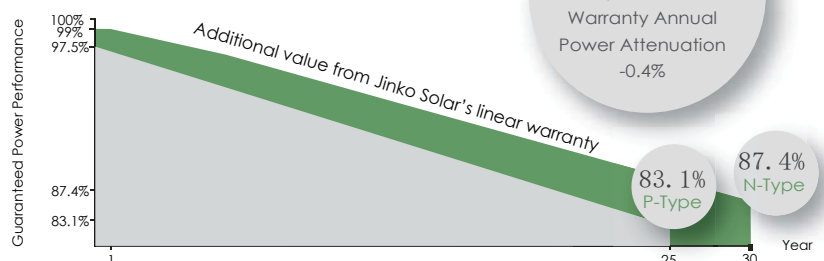
25 Year Product Warranty 30 Year Linear Power Warranty
0.4% Annual Degradation Over 30 years



ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory

IEC61215, IEC61730, UL61730 certified product

- N-Type performance warranty
- P-Type performance warranty



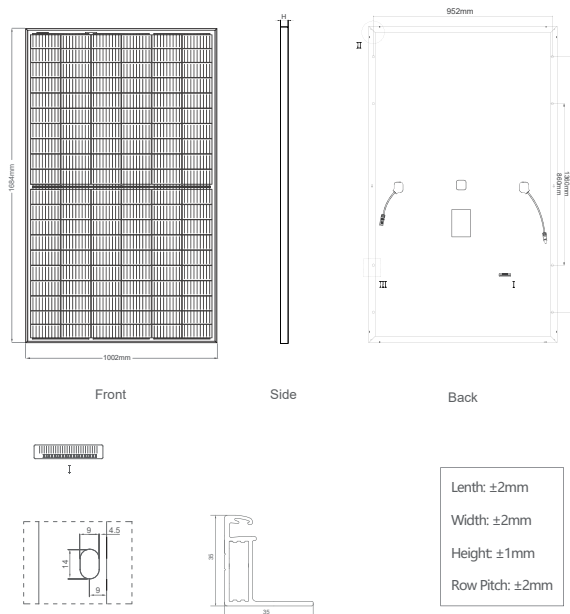
-0.4%

30-year Power Warranty Annual Power Attenuation -0.4%

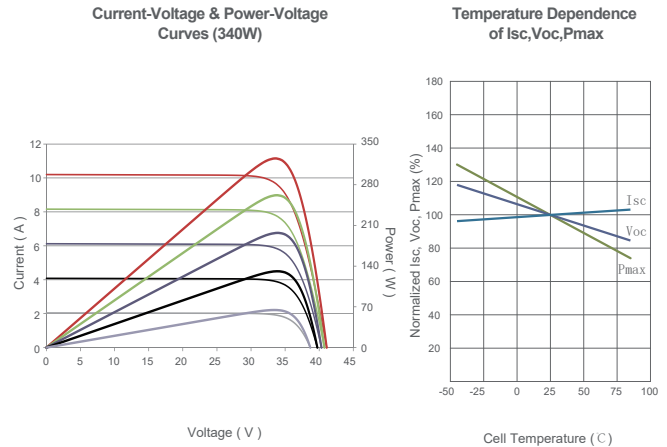
83.1% P-Type

87.4% N-Type

Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N-type 158.75×158.75mm
No. of Half-cells	120 (6×20)
Dimensions	1684×1002×35mm (66.30×39.45×1.38 inch)
Weight	18.5 kg (40.8 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 1x4.0mm ² , (+) 290mm, (-) 145mm or Customized Length

SPECIFICATIONS

Module Type	JKM325N-60H-MBB-B		JKM330N-60H-MBB-B		JKM335N-60H-MBB-B		JKM340N-60H-MBB-B		JKM345N-60H-MBB-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp	340Wp	254Wp	345Wp	257Wp
Maximum Power Voltage (Vmp)	33.89V	31.72V	34.03V	31.95V	34.15V	31.98V	34.28V	32.09V	34.4V	32.23V
Maximum Power Current (Imp)	9.59A	7.64A	9.70A	7.70A	9.81A	7.81A	9.92A	7.90A	10.03A	7.98A
Open-circuit Voltage (Voc)	40.02V	37.69V	40.17V	37.83V	40.32V	37.98V	40.47V	38.12V	40.62V	38.26V
Short-circuit Current (Isc)	10.24A	8.27A	10.30A	8.32A	10.36A	8.37A	10.42A	8.42A	10.48A	8.46A
Module Efficiency STC (%)	19.26%		19.56%		19.85%		20.15%		20.45%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.34%/°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%