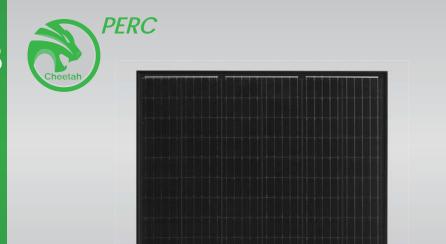


# Cheetah HC 60MB 310-330 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- · Mono PERC 60 Cell



# **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 19.56%) benefit from half cell structure (low resistance characteristic).



### **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





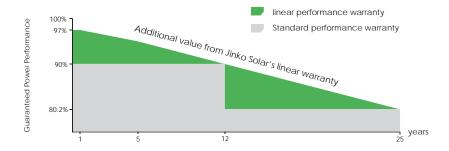






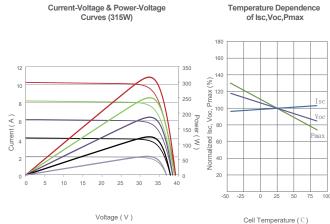
10 Year Product Warranty • 25 Year Linear Power Warranty

- ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory
- IEC61215, IEC61730, UL1703 certified product



# **Engineering Drawings**

# **Electrical Performance & Temperature Dependence**



Mechanical Characteristics										
Cell Type	Mono PERC 158.75×158.75mm									
No.of Half-cells	120 (6×20)									
Dimensions	1684×1002×35mm (66.30×39.45×1.38 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 1x4.0mm², Anode 290mm, Cathode 145mm or Customized Length									

# **Packaging Configuration**

(Two pallets = One stack)

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

SPECIFICATIONS										
Module Type Jk	JKM310M-60HB		JKM315M-60HB		JKM320M-60HB		JKM325M-60HB		JKM330M-60HB	
S	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax) 31	0Wp	231Wp	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp	330Wp	246Wp
Maximum Power Voltage (Vmp) 33	3.0V	31.0V	33.2V	31.2V	33.4V	31.4V	33.6V	31.6V	33.8V	31.8V
Maximum Power Current (Imp) 9.	.40A	7.49A	9.49A	7.56A	9.59A	7.62A	9.68A	7.66A	9.77A	7.74A
Open-circuit Voltage (Voc) 40	0.5V	37.4V	40.7V	37.6V	40.9V	37.8V	41.1V	38.0V	41.3V	38.2V
Short-circuit Current (Isc) 9.	.92A	8.20A	10.04A	8.33A	10.15A	8.44A	10.20A	8.54A	10.31A	8.65A
Module Efficiency STC (%)	18.37%		18.67%		18.96%		19.26%		19.56%	
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	-0.36%/℃									
Temperature Coefficients of Voc	-0.28%/℃									
Temperature Coefficients of Isc	0.048%/°C									
Nominal Operating Cell Temperature (NC	OCT)				45±2	2°C				











Wind Speed 1m/s

<sup>\*</sup> Power measurement tolerance: ± 3%