

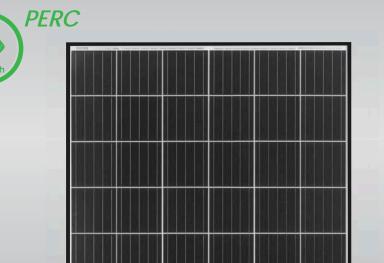
# Cheetah 60M 330 Watt

MONO PERC MODULE - BLACK FRAME

Positive power tolerance of 0~+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory

IEC61215, IEC61730, UL1703 certified product





# **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 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.

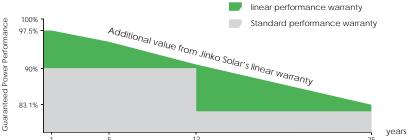
LINEAR PERFORMANCE WARRANTY

# PV CYCLE TUVRheidind





#### 12 Year Product Warranty 25 Year Linear Power Warranty



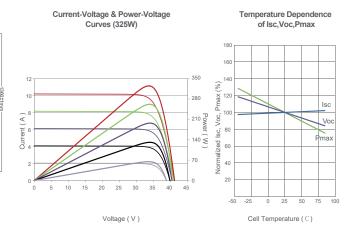




## **Engineering Drawings**

# Side Front Back

## **Electrical Performance & Temperature Dependence**









### **Packaging Configuration**

(Two pallets = One stack)

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

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				

Output Cables TÜV 1×4.0mm, Length 900mm or Customized Length

IP67 Rated

SPECIFICATIONS					
Module Type	JKM315M-60	JKM320M-60	JKM325M-60	JKM330M-60	JKM335M-60
	STC NOCT	STC NOCT	STC NOCT	STC NOCT	STC NOCT
Maximum Power (Pmax)	315Wp 235Wp	320Wp 239Wp	325Wp 242Wp	330Wp 246Wp	335Wp 250Wp
Maximum Power Voltage (Vmp)	33.2V 31.2V	33.4V 31.4V	33.6V 31.6V	33.8V 31.8V	34.0V 32.0V
Maximum Power Current (Imp)	9.49A 7.56A	9.59A 7.62A	9.68A 7.66A	9.77A 7.74A	9.87A 7.82A
Open-circuit Voltage (Voc)	40.7V 37.6V	40.9V 37.8V	41.1V 38.0V	41.3V 38.2V	41.5V 38.4V
Short-circuit Current (Isc)	10.04A 8.33A	10.15A 8.44A	10.20A 8.54A	10.31A 8.65A	10.36A 8.74A
Module Efficiency STC (%)	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~+3%		
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		

Junction Box













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