

# Cheetah HC 60M-V 320-340 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono PERC 60 Cell

(Made in China)



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 Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



### High Efficiency

Higher module conversion efficiency (up to 20.15%) 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.

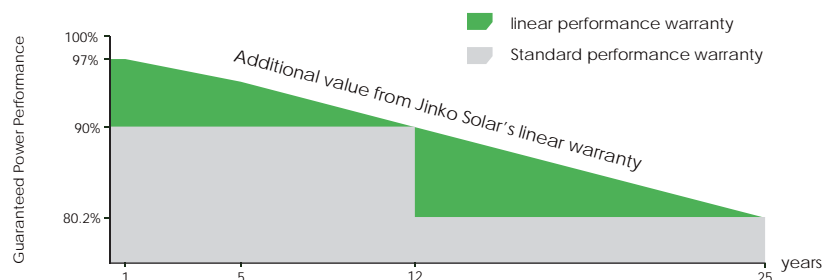


## LINEAR PERFORMANCE WARRANTY

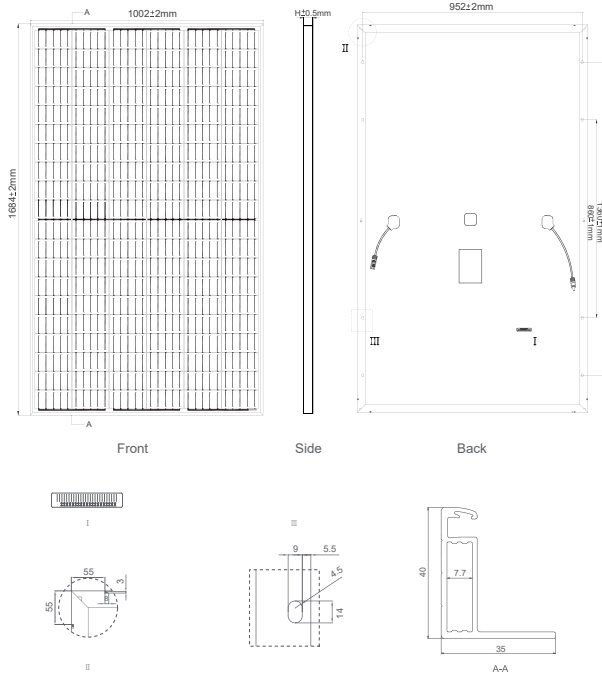
10 Year Product Warranty • 25 Year Linear Power Warranty



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



## Engineering Drawings

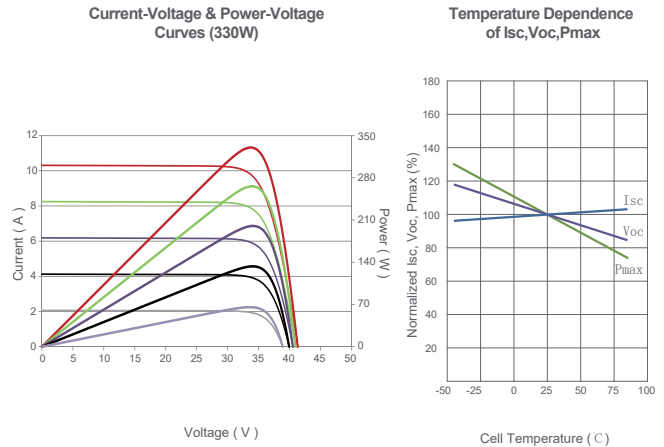


## Packaging Configuration

(Two pallets = One stack)

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

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

|                   |   |
|-------------------|---|
| Cell Type         | Mono PERC 158.75×158.75mm   |
| No. of Half-cells | 120 (6×20)  |
| Dimensions        | 1684×1002×40mm (66.30×39.45×1.57 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 1x4.0mm <sup>2</sup> , (+) 290mm, (-) 145mm or Customized Length        |
| Connector         | JK03M; Jinko PV Material  |

## SPECIFICATIONS

| Module Type                               | JKM320M-60H-V |       | JKM325M-60H-V |       | JKM330M-60H-V |       | JKM335M-60H-V |       | JKM340M-60H-V |       |
|---|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|
|   | STC           | NOCT  | STC           | NOCT  | STC           | NOCT  | STC           | NOCT  | STC           | NOCT  |
| Maximum Power (Pmax)                      | 320Wp         | 239Wp | 325Wp         | 242Wp | 330Wp         | 246Wp | 335Wp         | 250Wp | 340Wp         | 253Wp |
| Maximum Power Voltage (Vmp)               | 33.4V         | 31.4V | 33.6V         | 31.6V | 33.8V         | 31.8V | 34.0V         | 32.0V | 34.2V         | 32.2V |
| Maximum Power Current (Imp)               | 9.59A         | 7.62A | 9.68A         | 7.66A | 9.77A         | 7.74A | 9.86A         | 7.82A | 9.95A         | 7.86A |
| Open-circuit Voltage (Voc)                | 40.9V         | 37.8V | 41.1V         | 38.0V | 41.3V         | 38.2V | 41.5V         | 38.4V | 41.7V         | 38.6V |
| Short-circuit Current (Isc)               | 10.31A        | 8.44A | 10.50A        | 8.54A | 10.61A        | 8.65A | 10.73A        | 8.74A | 10.82A        | 8.86A |
| Module Efficiency STC (%)                 | 18.96%        |       | 19.26%        |       | 19.56%        |       | 19.85%        |       | 20.15%        |       |
| Operating Temperature (°C)                | -40°C~+85°C   |       |               |       |               |       |               |       |               |       |
| Maximum System Voltage                    | 1500VDC (IEC) |       |               |       |               |       |               |       |               |       |
| Maximum Series Fuse Rating                | 20A           |       |               |       |               |       |               |       |               |       |
| Power Tolerance                           | 0~+3%         |       |               |       |               |       |               |       |               |       |
| Temperature Coefficients of Pmax          | -0.36%/°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/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

\* Power measurement tolerance: ± 3%