

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



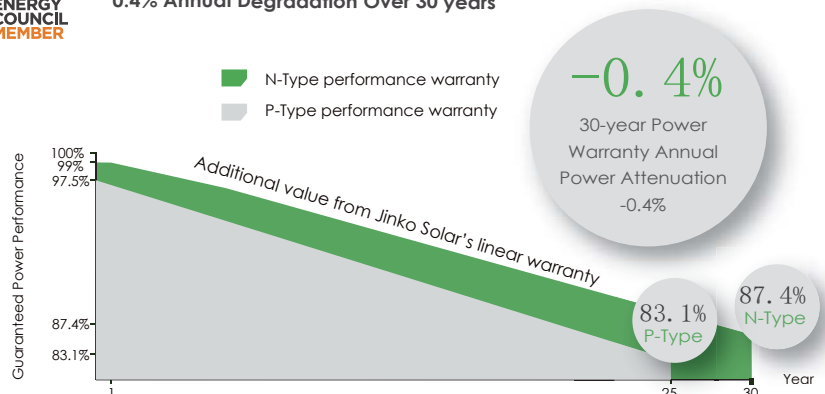
LINEAR PERFORMANCE WARRANTY

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

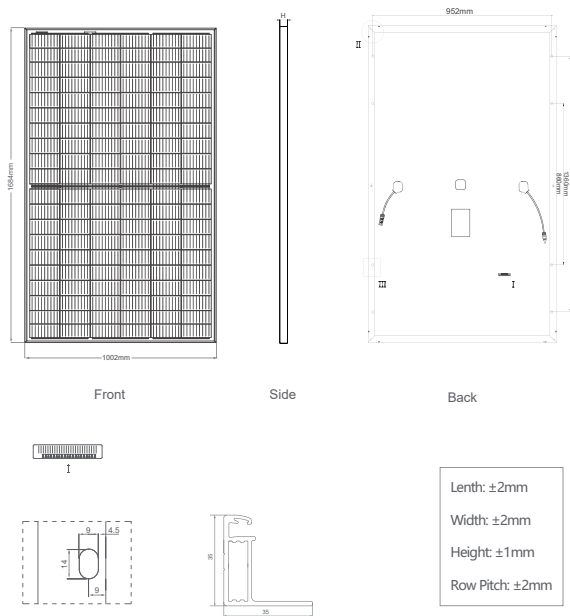


ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory

IEC61215, IEC61730, UL61730 certified product



Engineering Drawings

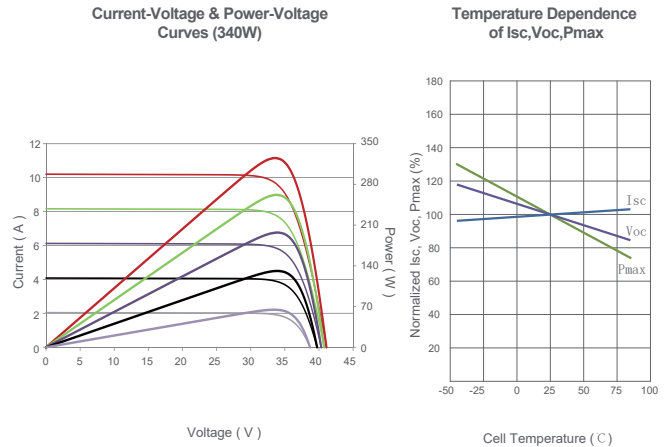


Packaging Configuration

(Two pallets = One stack)

35pcs/pallet, 70pcs/stack, 910pcs/40'HQ Container

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: $\pm 3\%$