

# Cheetah Plus HC 66M 355-375 Watt

MONO PERC HALF CELL MODULE

Positive power tolerance of 0~+5W

- Half Cell
- Mono PERC 66 Cell

(Made in China/Malaysia/U.S)



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 Efficiency

Higher module conversion efficiency (sup to 20.42%) 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).



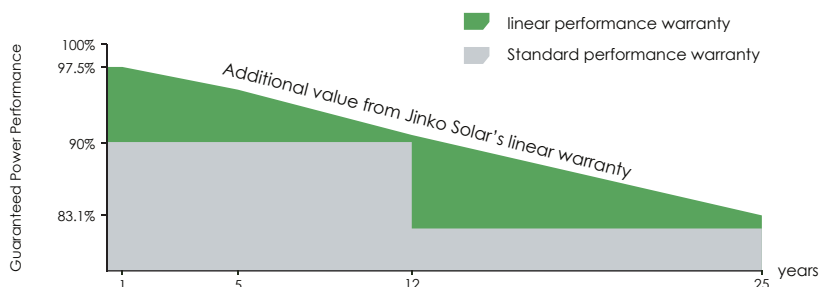
### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.



## LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



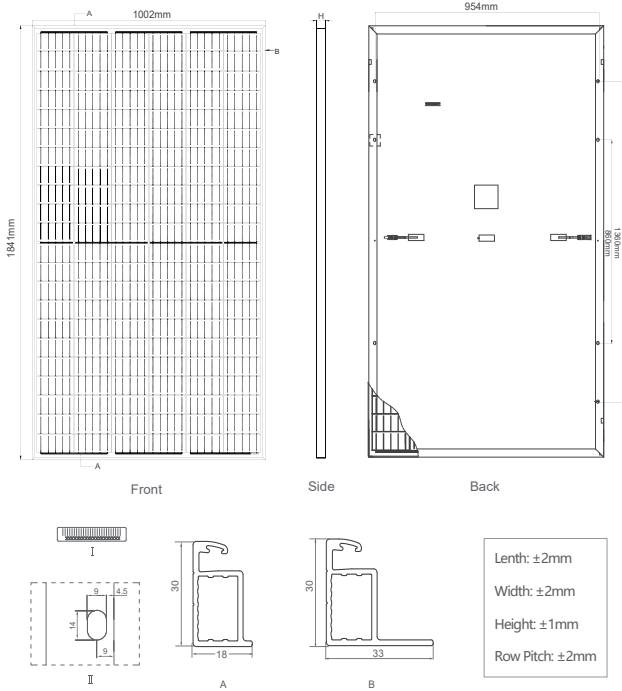
- ISO9001:2015, ISO14001:2015, ISO45001:2018 certified factory
- IEC61215, IEC61730, certified product

Nomenclature:

JKMxxxM-66/78H-V

| Code | Cell | Code | Certification |
|------|------|------|---------------|
| null | Full | null | 1000V         |
| H    | Half | V    | 1500V         |

## Engineering Drawings



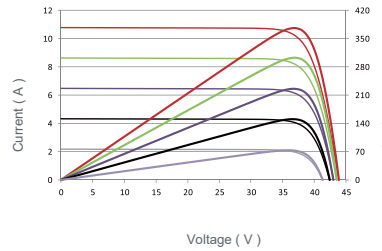
## Packaging Configuration

(Two pallets = One stack)

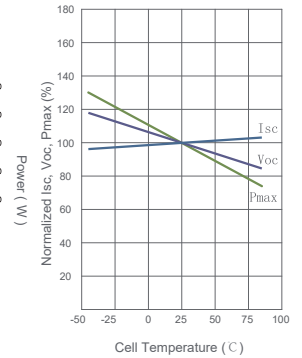
24pcs/pallet, 48pcs/stack, 840pcs/40' HQ Container

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (375W)



Temperature Dependence of Isc, Voc, Pmax



## Mechanical Characteristics

|               |   |
|---------------|---|
| Cell Type     | Mono PERC 158.75×158.75mm   |
| No. of cells  | 132 (6×22)  |
| Dimensions    | 1841×1002×30mm (72.48×39.45×1.18 inch)                                      |
| Weight        | 20.0 kg (44.09 lbs)   |
| Front Glass   | 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass |
| Frame         | Anodized Aluminium Alloy  |
| Junction Box  | IP67 Rated  |
| Output Cables | TUV 1×4.0mm <sup>2</sup><br>(+): 290mm, (-): 145 mm or Customized Length    |
| Fire Rating   | Class C   |
| Connector     | JK03M/1B, Genuine MC4   |

## SPECIFICATIONS

| Module Type                               | JKM355M-66H   |        | JKM360M-66H |        | JKM365M-66H |        | JKM370M-66H |        | JKM375M-66H |        |
|---|---------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|
|   | STC           | NOCT   | STC         | NOCT   | STC         | NOCT   | STC         | NOCT   | STC         | NOCT   |
| Maximum Power (Pmax)                      | 355Wp         | 264Wp  | 360Wp       | 268Wp  | 365Wp       | 272Wp  | 370Wp       | 275Wp  | 375Wp       | 279Wp  |
| Maximum Power Voltage (Vmp)               | 36.87V        | 33.56V | 36.97V      | 33.78V | 37.06V      | 33.99V | 37.15V      | 34.15V | 37.24V      | 34.28V |
| Maximum Power Current (Imp)               | 9.63A         | 7.87A  | 9.74A       | 7.93A  | 9.85A       | 7.99A  | 9.96A       | 8.06A  | 10.07A      | 8.14A  |
| Open-circuit Voltage (Voc)                | 43.49V        | 40.96V | 43.58V      | 41.04V | 43.66V      | 41.12V | 43.75V      | 41.20V | 44.02V      | 41.46V |
| Short-circuit Current (Isc)               | 10.41A        | 8.41A  | 10.48A      | 8.46A  | 10.55A      | 8.52A  | 10.62A      | 8.58A  | 10.69A      | 8.63A  |
| Module Efficiency STC (%)                 | 19.24%        |        | 19.52%      |        | 19.79%      |        | 20.06%      |        | 20.33%      |        |
| Operating Temperature(°C)                 | -40°C~+85°C   |        |             |        |             |        |             |        |             |        |
| Maximum system voltage                    | 1000VDC (IEC) |        |             |        |             |        |             |        |             |        |
| Maximum series fuse rating                | 20A           |        |             |        |             |        |             |        |             |        |
| Power tolerance                           | 0~+5W         |        |             |        |             |        |             |        |             |        |
| Temperature coefficients of Pmax          | -0.35%/°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%  
Voc tolerance: ± 3%  
Isc tolerance: ± 4%  
sorting tolerance: 0~+5W