

# TIGER Neo

## 72HL4-(V)

570-595 Watt  
MONO-FACIAL MODULE

N-type



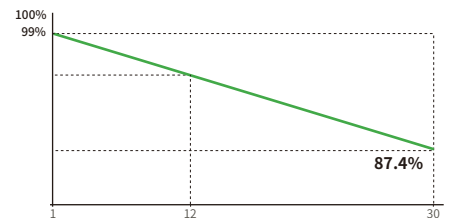
### HOT 2.0 Technology

N-type modules with JinkoSolar's HOT 2.0 technology offer better reliability and efficiency.



### Mechanical Load Enhanced

Certified to withstand:  
5400 Pa front side max static test load  
2400 Pa rear side max static test load



|                                    |                                            |                                        |                                                    |
|------------------------------------|--------------------------------------------|----------------------------------------|----------------------------------------------------|
| <b>12 Year</b><br>Product Warranty | <b>30 Year</b><br>Linear Power<br>Warranty | <b>1%</b><br>First-year<br>Degradation | <b>0.4%</b><br>Annual Degradation<br>Over 30 Years |
|------------------------------------|--------------------------------------------|----------------------------------------|----------------------------------------------------|

- IEC61215 (2021) / IEC61730 (2023)
  - ISO9001:2015: Quality Management System
  - ISO14001:2015: Environment Management System
  - ISO45001:2018: Occupational health and safety management systems
- (Made in China)



**JKM570-595N-72HL4-(V)-F6-EN AU CEC**

# 72HL4-V 570-595 Watt

## Mechanical Characteristics

|                  |                                                                                                                              |
|------------------|------------------------------------------------------------------------------------------------------------------------------|
| Cell Type        | N -type Mono-crystalline                                                                                                     |
| No. of cells     | 144 (72×2)                                                                                                                   |
| Dimensions       | 2278×1134×35 mm                                                                                                              |
| Weight           | 27.0 kg                                                                                                                      |
| Front Glass      | 3.2 mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass                                                 |
| Frame            | Anodized Aluminium Alloy                                                                                                     |
| Junction Box     | IP68 Rated                                                                                                                   |
| Protection Class | Class II                                                                                                                     |
| IEC Fire Type    | Class C                                                                                                                      |
| Output Cables    | 4.0 mm <sup>2</sup><br>(+): 400 mm , (-): 200 mm or Customized Length                                                        |
| Connector Type   | 1000V:Staubli MC4;;JK03M/2B, JK03M2/2B, Jinko PV material<br>1500V: Staubli MC4-EVO2;;JK03M/2B, JK03M2/2B, Jinko PV material |

## Packaging Configuration

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Pallet Dimensions | 2308×1120×1249 mm                                            |
| Packing Detail    | 31 pcs/pallets, 62 pcs/stack,<br>( Two pallets = One stack ) |
|                   | 620 pcs/ 40'HQ Container                                     |

## Specifications (STC)

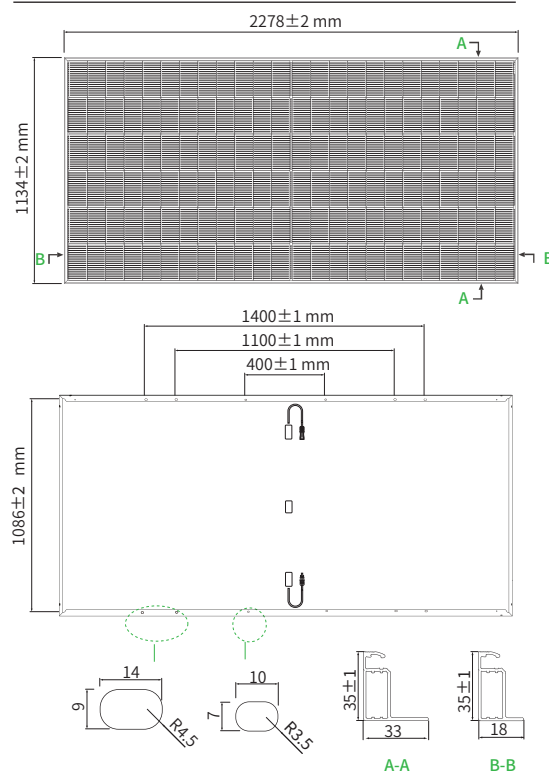
|                                  |             |       |       |       |       |       |
|----------------------------------|-------------|-------|-------|-------|-------|-------|
| Maximum Power - Pmax [Wp]        | 570         | 575   | 580   | 585   | 590   | 595   |
| Maximum Power Voltage - Vmp [V]  | 42.99       | 43.17 | 43.35 | 43.53 | 43.71 | 43.88 |
| Maximum Power Current - Imp [A]  | 13.26       | 13.32 | 13.38 | 13.44 | 13.50 | 13.56 |
| Open-circuit Voltage - Voc [V]   | 51.99       | 52.15 | 52.31 | 52.47 | 52.63 | 52.79 |
| Short-circuit Current - Isc [A]  | 13.89       | 13.95 | 14.01 | 14.07 | 14.13 | 14.19 |
| Module Efficiency STC [%]        | 22.07       | 22.26 | 22.45 | 22.65 | 22.84 | 23.03 |
| Power Measurement Tolerance      | -3% ~ + 3 % |       |       |       |       |       |
| Power Sorting Tolerance          | 0 ~ +3%     |       |       |       |       |       |
| Temperature Coefficients of Pmax | -0.29 %/°C  |       |       |       |       |       |
| Temperature Coefficients of Voc  | -0.25 %/°C  |       |       |       |       |       |
| Temperature Coefficients of Isc  | 0.045 %/°C  |       |       |       |       |       |

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

## Application Conditions

|                                          |                                                    |
|------------------------------------------|----------------------------------------------------|
| Operating Temperature                    | -40 °C ~ +70 °C                                    |
| Maximum system voltage                   | 1000/1500VDC (IEC) with -V=1500V, without -V=1000V |
| Maximum Series Fuse Rating               | 25 A                                               |
| Nominal Operating Cell Temperature -NOCT | 45±2 °C                                            |

## Engineering Drawings



Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

## Electrical Performance

