

# TIGER Neo

## 66HL4M-BDV

625-650 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



### N-type Technology

N-type modules with Tunnel Oxide Passivating Contacts (TOPCon) technology offer lower LID/LeTID degradation and better low light performance.



### HOT 3.0 Technology

N-type modules with JinkoSolar's HOT 3.0 technology offer better reliability and efficiency.



### Dual-Sided Power Generation

Dual-sided power generation gain increases with backside exposure to light, significantly reducing LCOE.



### Mechanical Load Enhanced

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



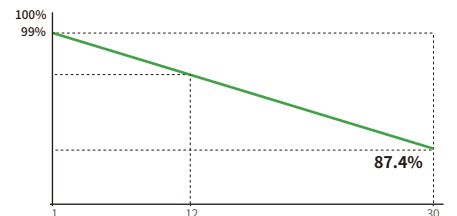
### SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



### Anti-PID Guarantee

Minimizes the chance of degradation caused by PID phenomena through optimization of cell production technology and material control.



**12 Year**  
Product Warranty

**30 Year**  
Linear Power  
Warranty

**1%**  
First-year  
Degradation

**0.40%**  
Annual Degradation  
Over 30 Years

- IEC61215:2021 / IEC61730:2023
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



POSITIVE QUALITY™  
Continuous Quality Assurance

**JKM625-650N-66HL4M-BDV-Z4C3-EN**

# 66HL4M-BDV 625-650 Watt

## Mechanical Characteristics

|                                        |                                                                       |
|----------------------------------------|-----------------------------------------------------------------------|
| Cell Type                              | N- type Mono-crystalline                                              |
| No. of cells                           | 132 (66×2)                                                            |
| Dimensions                             | 2382×1134×30 mm                                                       |
| Weight                                 | 32.4 kg                                                               |
| Front Glass                            | 2.0 mm, Anti-reflection Coating                                       |
| Back Glass                             | 2.0 mm, Heat Strengthened Glass                                       |
| Frame                                  | Anodized Aluminium Alloy                                              |
| Junction Box                           | IP68 Rated                                                            |
| Protection Class                       | Class II                                                              |
| IEC Fire Type                          | Class C                                                               |
| Connector Type                         | JK03M / JK03M2 / Others*                                              |
| Output Cables<br>(Including Connector) | 4.0 mm <sup>2</sup><br>(+): 400 mm , (-): 200 mm or Customized Length |

\* MC4 and MC4-EVO2 available upon request and subject to availability

## Packaging Configuration

|                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| Pallet Dimensions                           | 2396×1110×1251 mm                                         |
| Packing Detail<br>(Two pallets = One stack) | 36 pcs/pallets, 72 pcs/stack,<br>720 pcs/ 40'HQ Container |

## Specifications (STC)

|                                             |            |       |       |       |       |       |
|---------------------------------------------|------------|-------|-------|-------|-------|-------|
| Maximum Power - P <sub>max</sub> [Wp]*      | 625        | 630   | 635   | 640   | 645   | 650   |
| Maximum Power Voltage - V <sub>mp</sub> [V] | 40.88      | 41.02 | 41.16 | 41.30 | 41.44 | 41.58 |
| Maximum Power Current - I <sub>mp</sub> [A] | 15.29      | 15.36 | 15.43 | 15.50 | 15.57 | 15.64 |
| Open-circuit Voltage - V <sub>oc</sub> [V]  | 49.28      | 49.48 | 49.68 | 49.88 | 50.08 | 50.28 |
| Short-circuit Current - I <sub>sc</sub> [A] | 16.14      | 16.20 | 16.26 | 16.32 | 16.38 | 16.44 |
| Module Efficiency STC [%]                   | 23.1       | 23.3  | 23.5  | 23.7  | 23.9  | 24.1  |
| Power Tolerance                             | 0 ~ + 3 %  |       |       |       |       |       |
| Temperature Coefficient of P <sub>max</sub> | -0.29 %/°C |       |       |       |       |       |
| Temperature Coefficient of V <sub>oc</sub>  | -0.25 %/°C |       |       |       |       |       |
| Temperature Coefficient of I <sub>sc</sub>  | 0.045 %/°C |       |       |       |       |       |

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5. \*Power measurement tolerance : ±3%

## Specifications (BNPI)

|                                             |       |       |       |       |       |       |
|---------------------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power - P <sub>max</sub> [Wp]*      | 690   | 696   | 701   | 707   | 712   | 717   |
| Maximum Power Voltage - V <sub>mp</sub> [V] | 40.88 | 41.04 | 41.17 | 41.33 | 41.46 | 41.59 |
| Maximum Power Current - I <sub>mp</sub> [A] | 16.88 | 16.95 | 17.03 | 17.10 | 17.17 | 17.24 |
| Open-circuit Voltage - V <sub>oc</sub> [V]  | 49.26 | 49.46 | 49.66 | 49.86 | 50.06 | 50.26 |
| Short-circuit Current - I <sub>sc</sub> [A] | 17.83 | 17.90 | 17.96 | 18.03 | 18.09 | 18.15 |

BNPI: Irradiance: front 1000W/m<sup>2</sup>, rear 135W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

\*Power measurement tolerance : ±3%

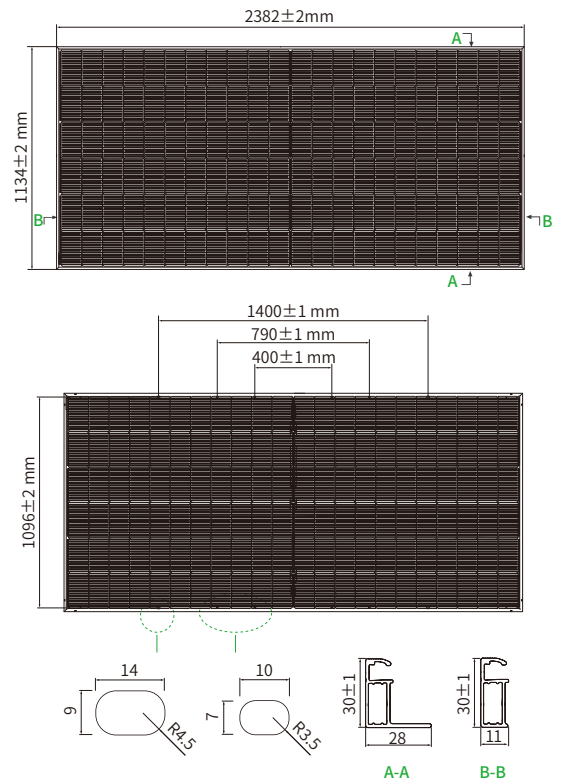
## Application Conditions

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Level T <sub>98</sub> ≤ 70 °C | -40 °C ~ +70 °C                                 |
| Maximum System Voltage        | 1500 VDC (IEC)                                  |
| Maximum Series Fuse Rating    | 35 A                                            |
| Bifaciality Coefficients      | φVoc: 98 ± 5 %, φIsc: 80 ± 5 %, φPmax: 80 ± 5 % |

\*Short-term up to 85°C; higher operation requires IEC TS 63126 testing

*Solar*  
**Jinko**

## Engineering Drawings



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

## Electrical Performance

