

# TIGER Neo

## 66HL4M-BDV

### 605-630 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



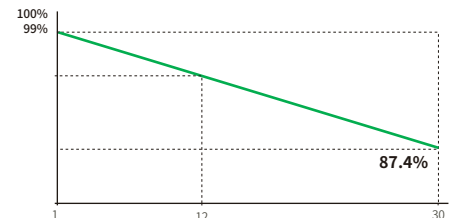
### SMBB Technology

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

**0.4%**  
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



EU-JKM605-630N-66HL4M-BDV-F3-EN

# 66HL4M-BDV 605-630 Watt

## Mechanical Characteristics

|                  |                                                                    |
|------------------|--------------------------------------------------------------------|
| Cell Type        | N type Mono-crystalline                                            |
| No. of cells     | 132 (66×2)                                                         |
| Dimensions       | 2382×1134×30 mm                                                    |
| Weight           | 32.2 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                                                            |
| Output Cables    | 4.0mm <sup>2</sup><br>(+): 400mm , (-): 200mm or Customized Length |

## 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 – Pmax [Wp]        | 605        | 610   | 615   | 620   | 625   | 630   |
| Maximum Power Voltage – Vmp [V]  | 40.31      | 40.46 | 40.60 | 40.74 | 40.88 | 41.02 |
| Maximum Power Current – Imp [A]  | 15.01      | 15.08 | 15.15 | 15.22 | 15.29 | 15.36 |
| Open-circuit Voltage – Voc [V]   | 48.48      | 48.68 | 48.88 | 49.08 | 49.28 | 49.48 |
| Short-circuit Current – Isc [A]  | 15.90      | 15.96 | 16.02 | 16.08 | 16.14 | 16.20 |
| Module Efficiency STC [%]        | 22.40      | 22.58 | 22.77 | 22.95 | 23.14 | 23.32 |
| Power 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

## Specifications (BNPI)

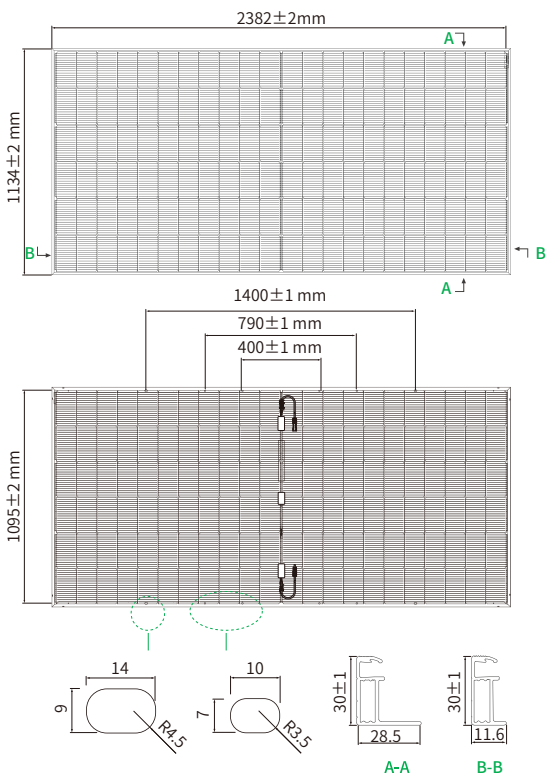
|                                 |       |       |       |       |       |       |
|---------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power – Pmax [Wp]       | 668   | 674   | 679   | 685   | 690   | 696   |
| Maximum Power Voltage – Vmp [V] | 40.29 | 40.46 | 40.59 | 40.75 | 40.88 | 41.04 |
| Maximum Power Current – Imp [A] | 16.58 | 16.66 | 16.73 | 16.81 | 16.88 | 16.95 |
| Open-circuit Voltage – Voc [V]  | 48.46 | 48.66 | 48.86 | 49.06 | 49.26 | 49.46 |
| Short-circuit Current – Isc [A] | 17.56 | 17.64 | 17.70 | 17.77 | 17.83 | 17.90 |

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

## Application Conditions

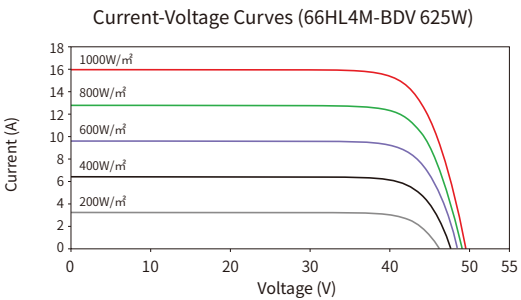
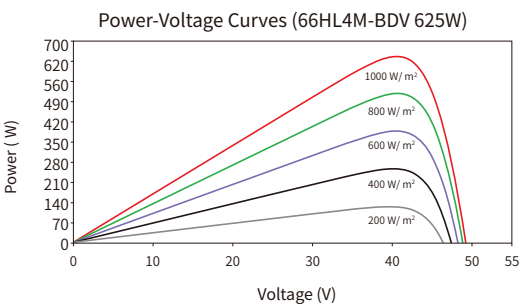
|                            |                                           |
|----------------------------|-------------------------------------------|
| Operating Temperature      | -40 °C ~ +70 °C                           |
| Maximum System Voltage     | 1500 VDC (IEC)                            |
| Maximum Series Fuse Rating | 35 A                                      |
| Bifaciality Coefficient    | φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 % |

## Engineering Drawings



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

## Electrical Performance



© 2024 Jinko Solar Co., Ltd. All rights reserved.

**Note:** Please read the safety and installation manual before using the product. We reserve the right of final interpretation. The specifications in this datasheet are subject to change without notice.

EU-JKM605-630N-66HL4M-BDV-F3-EN