

# TIGER Neo

## 66HL4M-BDV

### 600-625 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 2.0 Technology

N-type modules with JinkoSolar's HOT 2.0 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



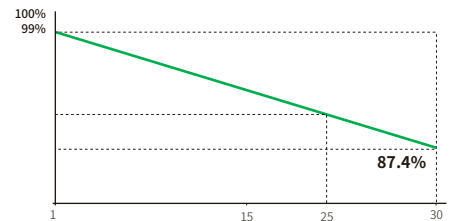
### SMBB Technology

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.



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

- IEC61215 (2016) / IEC61730 (2016)
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



EU-JKM600-625N-66HL4M-BDV-F2-EN

# 66HL4M-BDV 600-625 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  |
| 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]        | 600        | 605   | 610   | 615   | 620   | 625   |
|----------------------------------|------------|-------|-------|-------|-------|-------|
| Maximum Power Voltage – Vmp [V]  | 40.16      | 40.31 | 40.46 | 40.60 | 40.74 | 40.88 |
| Maximum Power Current – Imp [A]  | 14.94      | 15.01 | 15.08 | 15.15 | 15.22 | 15.29 |
| Open-circuit Voltage – Voc [V]   | 48.28      | 48.48 | 48.68 | 48.88 | 49.08 | 49.28 |
| Short-circuit Current – Isc [A]  | 15.84      | 15.90 | 15.96 | 16.02 | 16.08 | 16.14 |
| Module Efficiency STC [%]        | 22.21      | 22.40 | 22.58 | 22.77 | 22.95 | 23.14 |
| 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 (NOCT)

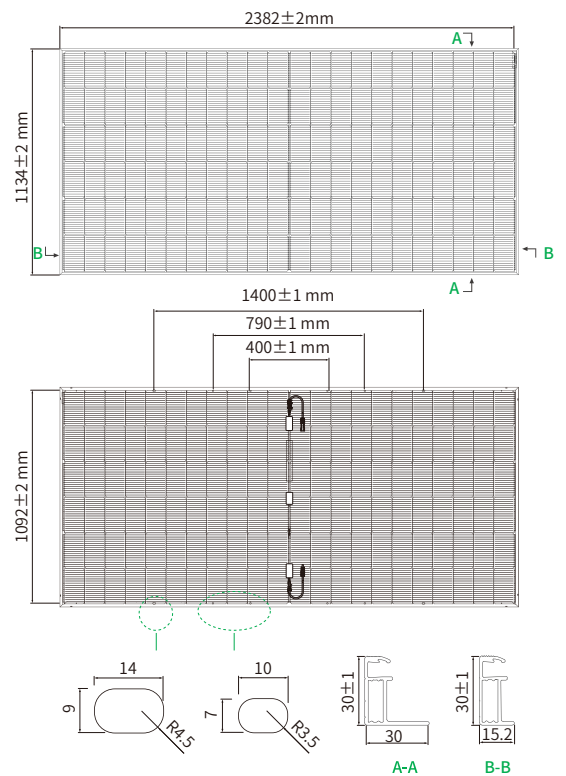
| Maximum Power (Pmax)        | 453   | 457   | 461   | 464   | 468   | 472   |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power Voltage (Vmp) | 37.60 | 37.76 | 37.92 | 38.10 | 38.25 | 38.44 |
| Maximum Power Current (Imp) | 12.05 | 12.10 | 12.15 | 12.19 | 12.24 | 12.28 |
| Open-circuit Voltage (Voc)  | 45.86 | 46.05 | 46.24 | 46.43 | 46.62 | 46.81 |
| Short-circuit Current (Isc) | 12.79 | 12.83 | 12.88 | 12.93 | 12.98 | 13.03 |

NOCT: Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

## Application Conditions

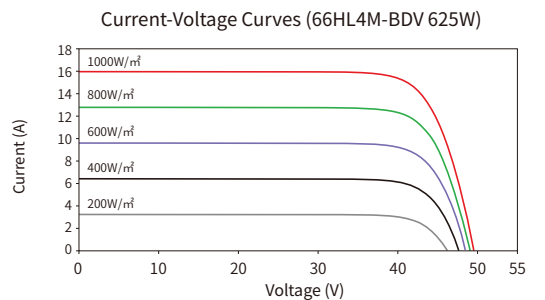
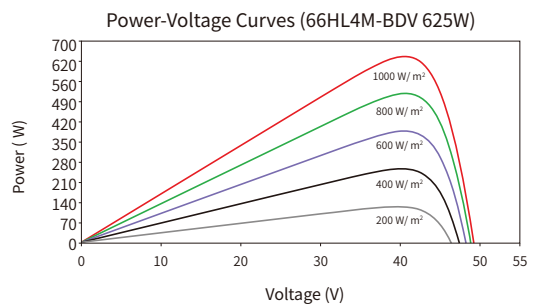
|  |                 |
|--|-----------------|
| Operating Temperature                    | -40 °C ~ +85 °C |
| Maximum System Voltage                   | 1500 VDC (IEC)  |
| Maximum Series Fuse Rating               | 35 A            |
| Nominal Operating Cell Temperature -NOCT | 45±2 °C         |
| Refer. Bifacial Factor                   | 80±5 %          |

## Engineering Drawings



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

## Electrical Performance



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**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.

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