www.jinkosolar.com

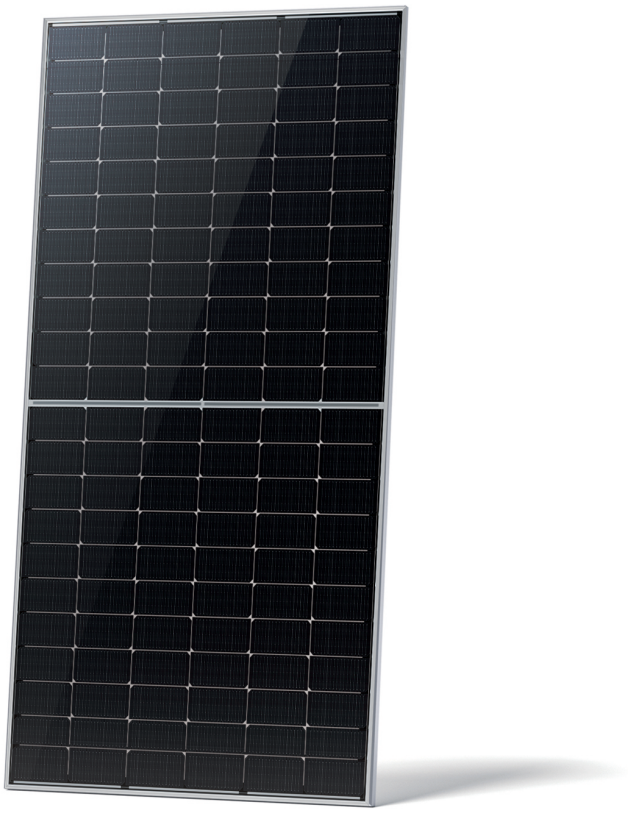
Tiger Neo

# 66HL4M-BDV

## 625-655 Watt

BIFACIAL MODULE WITH DUAL GLASS

## N-type



## HOT 3.0 Technology

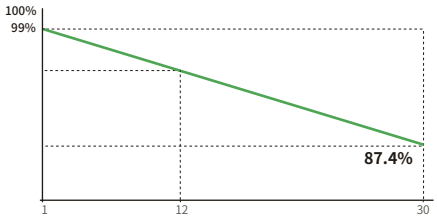
N-type modules with JinkoSolar's HOT 3.0 technology offer better reliability and efficiency.

## 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




**12**Year Product Warranty | **30**Year Linear Power Warranty | **1**% First-year Degradation | **0.40**% Annual Degradation Over 30 Years

*Warranty valid under Standard Test Conditions (STC) only.

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

CLEAN ENERGY COUNCIL MEMBER

POSITIVE QUALITY™ Continuous Quality Assurance

**JKM625-655N-66HL4M-BDV-Z2C2-OC**

# JKMxxxN-66HL4M-BDV (xxx=625-655, in steps of 5)

## 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 | PV-JK03M/xy,PV-JK03M2/xy (JinKO) ;<br>PV-KST4-EVO2A/xy,PV-KBT4-EVO2A/xy (Staubli) |
| Output Cables<br>(Including Connector) | 4.0 $mm^2$<br>(+): 400 mm , (-): 200 mm 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] | 625 | 630 | 635 | 640 | 645 | 650 | 655 |
| Maximum Power Voltage - Vmp [V] | 40.88 | 41.02 | 41.16 | 41.30 | 41.44 | 41.57 | 41.70 |
| Maximum Power Current - Imp [A] | 15.29 | 15.36 | 15.43 | 15.50 | 15.57 | 15.64 | 15.71 |
| Open-circuit Voltage - Voc [V] | 49.28 | 49.48 | 49.68 | 49.88 | 50.08 | 50.28 | 50.47 |
| Short-circuit Current - Isc [A] | 16.14 | 16.20 | 16.26 | 16.32 | 16.38 | 16.44 | 16.50 |
| Module Efficiency STC [%] | 23.14 | 23.32 | 23.51 | 23.69 | 23.88 | 24.06 | 24.25 |
| Short-circuit Curent-Isc [A] at BSI | 19.89 | 19.98 | 20.04 | 20.12 | 20.18 | 20.24 | 20.30 |
| Measurement Tolerance | STC:Pmax ±3%, Voc ±5%, Isc ±5%; BSI: Isc ±5% | | | | | | |
| Power Sorting | 0 ~ + 3% | | | | | | |
| Temperature Coefficient of Pmax | -0.29 %/°C | | | | | | |
| Temperature Coefficient of Voc | -0.25 %/°C | | | | | | |
| Temperature Coefficient of Isc | 0.045 %/°C | | | | | | |

STC: Irradiance 1000W/$m^2$, Cell Temperature 25°C, AM=1.5 BSI: Irradiance: Front 1000/$m^2$, Rear 300W/$m^2$

## Specifications (BNPI)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Maximum Power - Pmax [Wp] | 690 | 696 | 701 | 707 | 712 | 717 | 723 |
| Maximum Power Voltage - Vmp [V] | 40.88 | 41.04 | 41.17 | 41.33 | 41.46 | 41.59 | 41.73 |
| Maximum Power Current - Imp [A] | 16.88 | 16.95 | 17.03 | 17.10 | 17.17 | 17.24 | 17.31 |
| Open-circuit Voltage - Voc [V] | 49.26 | 49.46 | 49.66 | 49.86 | 50.06 | 50.26 | 50.46 |
| Short-circuit Current - Isc [A] | 17.83 | 17.90 | 17.96 | 18.03 | 18.09 | 18.15 | 18.21 |

BNPI: Irradiance: front 1000W/$m^2$, rear 135W/$m^2$, Cell Temperature 25°C, AM=1.5
Measurement tolerance:Pmax ±3%, Voc ±5%, Isc ±5%

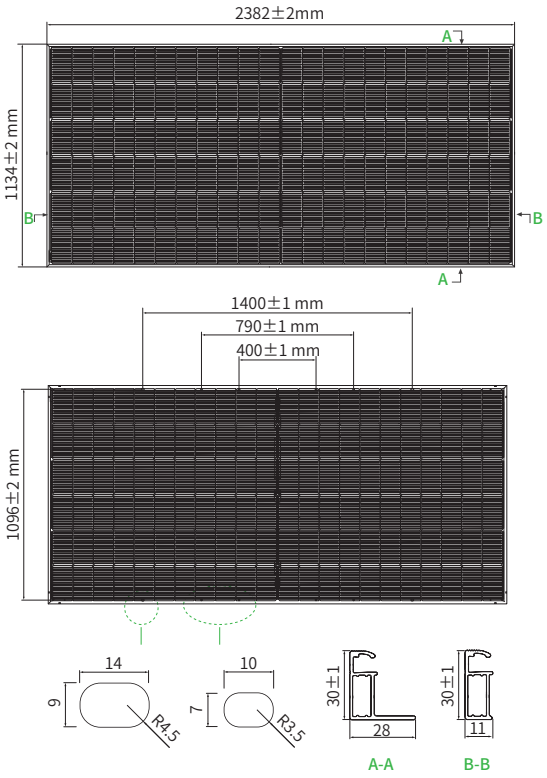
## Bifacial Output-Rearside Power Gain

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| [15%] Maximum Power - Pmax [Wp] | 719 | 725 | 730 | 736 | 742 | 748 | 753 |

## Application Conditions

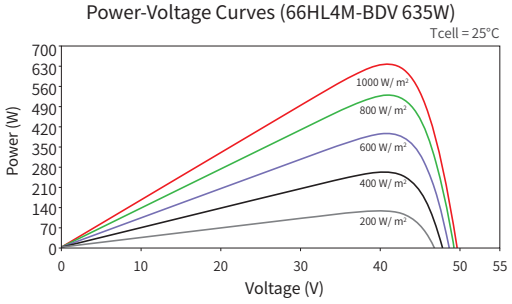
| | |
|---|---|
| Operating Temperature | -40 °C ~ +70 °C |
| Module [T98]max | 70 °C |
| Maximum System Voltage | 1500 VDC (IEC) |
| Maximum Series Fuse Rating | 35 A |
| Bifaciality Coefficients | φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 % |

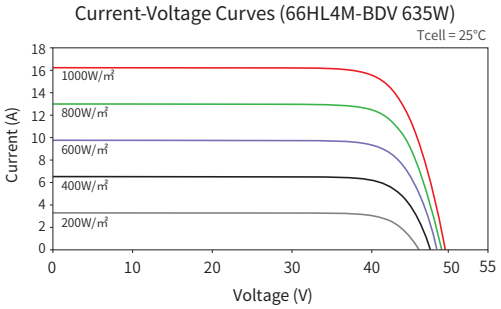
## Engineering Drawings




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

## Electrical Performance




Made in China

© 2025 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.