

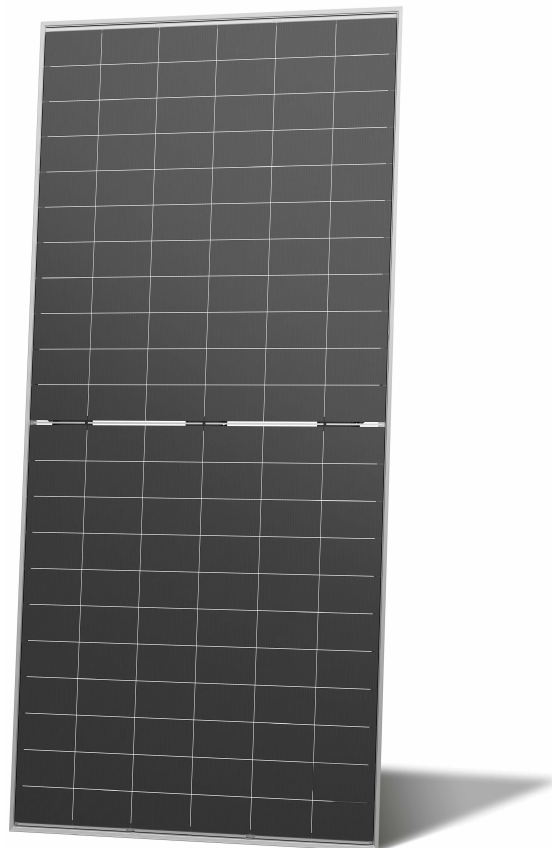
# TIGER Neo

## 66HL4M-BDV

615-640 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



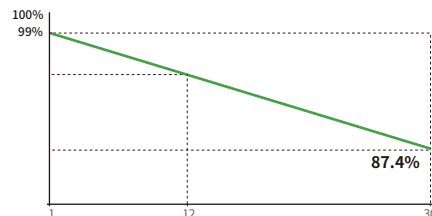
### N-Type Technology

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

**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



### 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.



**JKM615-640N-66HL4M-BDV-F3C16-EN**

# 66HL4M-BDV 615-640 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/MC4/Others
Output Cables	4.0 mm <sup>2</sup> (+): 400 mm , (-): 200 mm or Customized Length

## Packaging Configuration

Pallet Dimentions	2396×1110×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 720 pcs/ 40'HQ Container

## Specifications (STC)

Maximum Power - Pmax [Wp]	615	620	625	630	635	640
Maximum Power Voltage - Vmp [V]	40.60	40.74	40.88	41.02	41.16	41.30
Maximum Power Current - Imp [A]	15.15	15.22	15.29	15.36	15.43	15.50
Open-circuit Voltage - Voc [V]	48.88	49.08	49.28	49.48	49.68	49.88
Short-circuit Current - Isc [A]	16.02	16.08	16.14	16.20	16.26	16.32
Module Efficiency STC [%]	22.77	22.95	23.14	23.32	23.51	23.69
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)

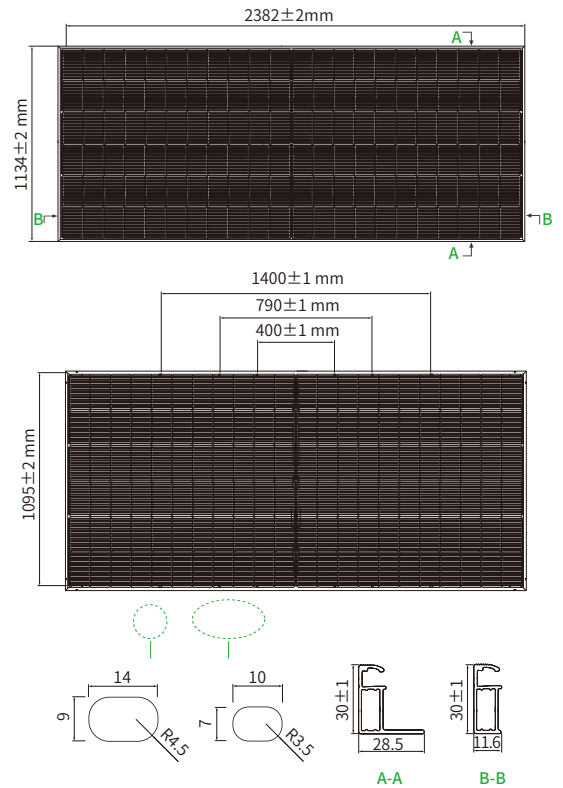
Maximum Power - Pmax [Wp]	679	685	690	696	701	707
Maximum Power Voltage - Vmp [V]	40.59	40.75	40.88	41.04	41.17	41.33
Maximum Power Current - Imp [A]	16.73	16.81	16.88	16.95	17.03	17.10
Open-circuit Voltage - Voc [V]	48.86	49.06	49.26	49.46	49.66	49.86
Short-circuit Current - Isc [A]	17.70	17.77	17.83	17.90	17.96	18.03

BNPI: Irradiance: front 1000W/m<sup>2</sup>, rear 135W/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 %

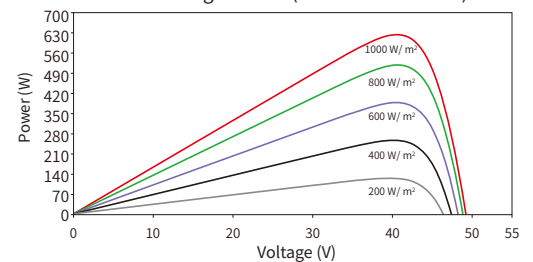
## Engineering Drawings



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

## Electrical Performance

Power-Voltage Curves (66HL4M-BDV 625W)



Current-Voltage Curves (66HL4M-BDV 625W)

