

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.



Dual-Sided Power Generation

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



SMBB Technology

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



HOT 3.0 Technology

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



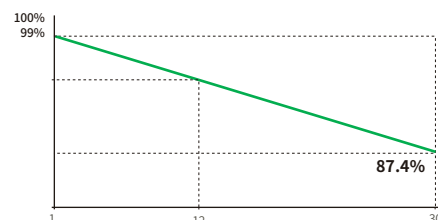
Mechanical Load Enhanced

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



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 ² (+): 400mm , (-): 200mm or Customized Length

Packaging Configuration

Pallet Dimensions	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]	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/m², Cell Temperature 25°C, AM=1.5

Specifications (BNPI)

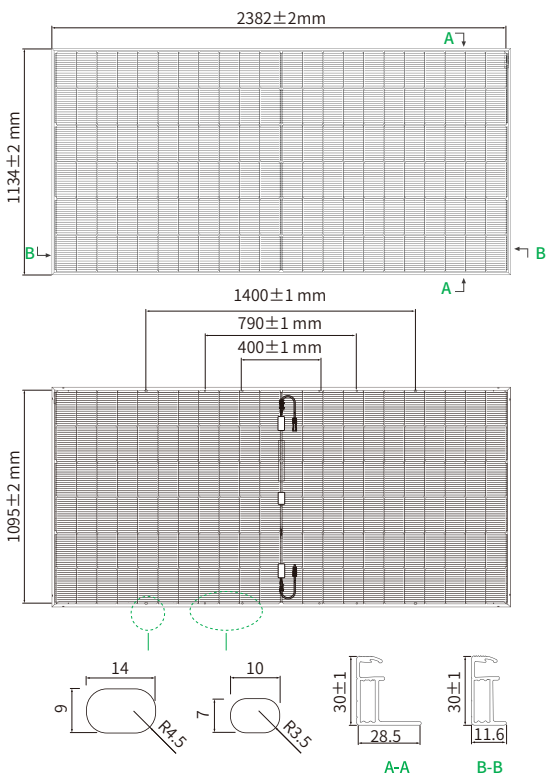
Maximum Power – Pmax [Wp]	668	674	679	685	690	696
Maximum Power Voltage – Vmp [V]	40.29	40.46	40.59	40.75	40.88	41.04
Maximum Power Current – Imp [A]	16.58	16.66	16.73	16.81	16.88	16.95
Open-circuit Voltage – Voc [V]	48.46	48.66	48.86	49.06	49.26	49.46
Short-circuit Current – Isc [A]	17.56	17.64	17.70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

BNPI: Irradiance front 1000W/m², rear 135 W/m², Cell Temperature 25°C, AM=1.5

Application Conditions

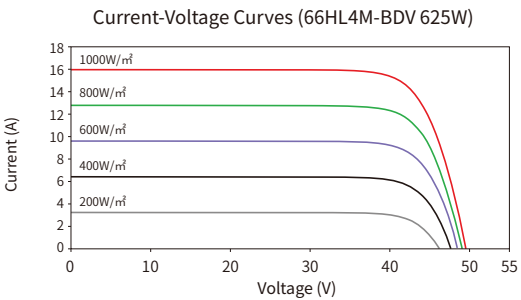
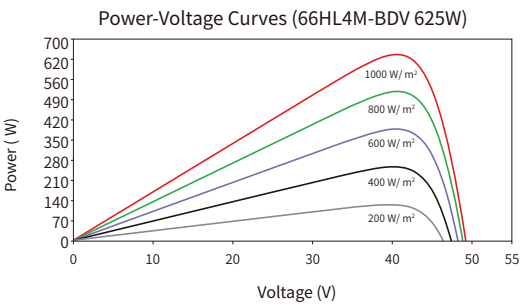
Operating Temperature	-40 °C ~ +70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficient	φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 %

Engineering Drawings



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

Electrical Performance



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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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