

TIGER Neo

66HL4M-BDV

600-625 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



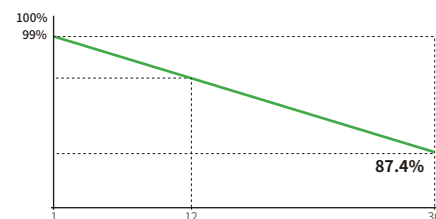
N-type Technology

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

12 Year Product Warranty	30 Year Linear Power Warranty	1% First-year Degradation	0.4% Annual Degradation Over 30 Years
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- 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



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.



POSITIVE QUALITY™
Continuous Quality Assurance

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	4.0 mm ² (+): 400 mm, (-): 200 mm 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 - P _{max} [Wp]	600	605	610	615	620	625
Maximum Power Voltage - V _{mp} [V]	40.16	40.31	40.46	40.60	40.74	40.88
Maximum Power Current - I _{mp} [A]	14.94	15.01	15.08	15.15	15.22	15.29
Open-circuit Voltage - V _{oc} [V]	48.28	48.48	48.68	48.88	49.08	49.28
Short-circuit Current - I _{sc} [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 P _{max}	-0.29 %/°C					
Temperature Coefficients of V _{oc}	-0.25 %/°C					
Temperature Coefficients of I _{sc}	0.045 %/°C					

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM = 1.5

Specifications (NOCT)

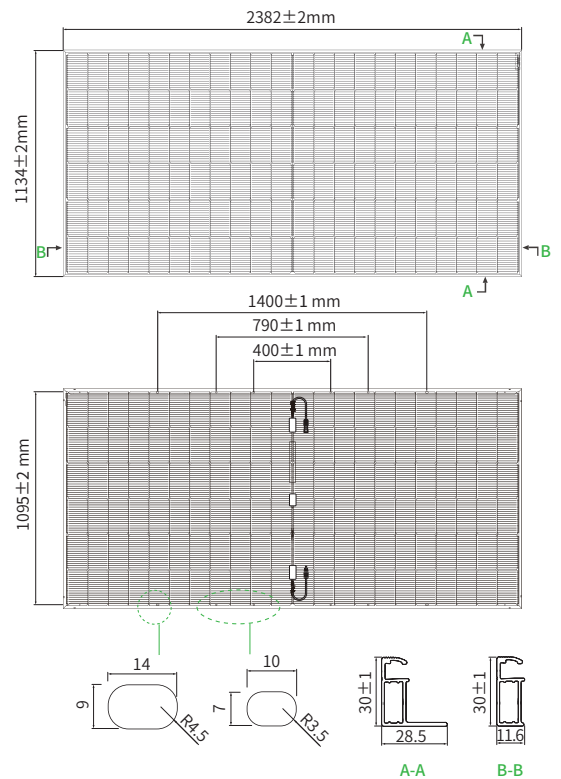
Maximum Power - P _{max} [Wp]	453	457	461	464	468	472
Maximum Power Voltage - V _{mp} [V]	37.60	37.76	37.92	38.10	38.25	38.44
Maximum Power Current - I _{mp} [A]	12.05	12.10	12.15	12.19	12.24	12.28
Open-circuit Voltage - V _{oc} [V]	45.86	46.05	46.24	46.43	46.62	46.81
Short-circuit Current - I _{sc} [A]	12.79	12.83	12.88	12.93	12.98	13.03

NOCT: Irradiance 800W/m², 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 module drawings.

Electrical Performance

