

TIGER Neo

66HL4M-BDV

600-620 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.



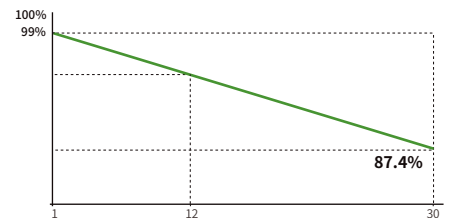
Dual-Sided Power Generation

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



JKM600-620N-66HL4M-BDV-F6-OC

66HL4M-BDV 600-620 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,JK03M2(JinKO)/MC4-EVO2(Staubli)
Output Cables	4.0 mm ² (+): 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)

	600	605	610	615	620
Maximum Power - Pmax [Wp]*	600	605	610	615	620
Maximum Power Voltage - Vmp [V]	40.16	40.31	40.46	40.60	40.74
Maximum Power Current - Imp [A]	14.94	15.01	15.08	15.15	15.22
Open-circuit Voltage - Voc [V]	48.28	48.48	48.68	48.88	49.08
Short-circuit Current - Isc [A]	15.84	15.90	15.96	16.02	16.08
Module Efficiency STC [%]	22.21	22.40	22.58	22.77	22.95
Power Measurement Tolerance	± 3%				
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/m², Cell Temperature 25°C, AM=1.5 *Power measurement tolerance : ±3%

Specifications (BNPI)

	663	668	674	679	685
Maximum Power - Pmax [Wp]*	663	668	674	679	685
Maximum Power Voltage - Vmp [V]	40.16	40.29	40.46	40.59	40.75
Maximum Power Current - Imp [A]	16.51	16.58	16.66	16.73	16.81
Open-circuit Voltage - Voc [V]	48.26	48.46	48.66	48.86	49.06
Short-circuit Current - Isc [A]	17.50	17.56	17.64	17.70	17.77

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

*Power measurement tolerance : ±3%

Application Conditions

Level T ₉₈ ≤ 70 °C	-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 %

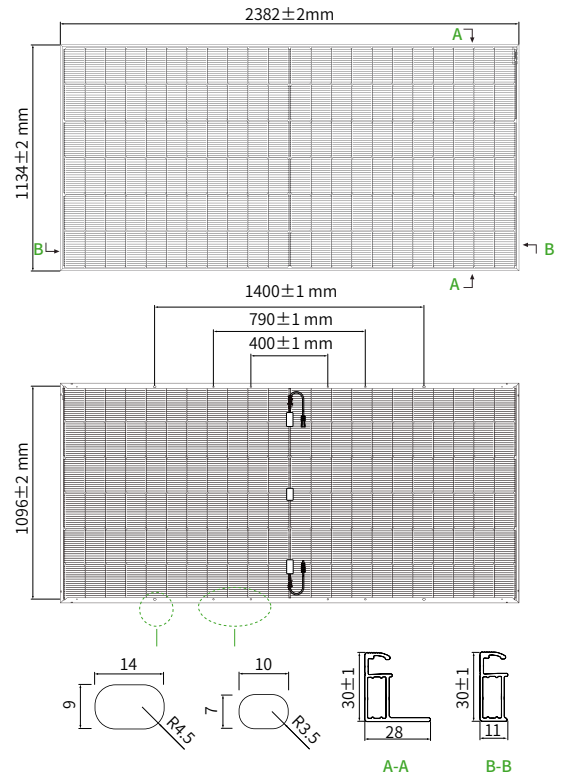
*Short-term up to 85°C; higher operation requires IEC TS 63126 testing



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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.

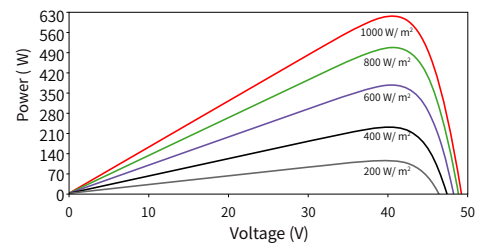
Engineering Drawings



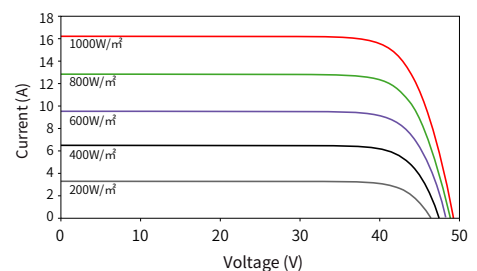
Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

Electrical Performance

Power-Voltage Curves (66HL4M-BDV 620 W)



Current-Voltage Curves (66HL4M-BDV 620 W)



Made in China

JKM600-620N-66HL4M-BDV-F6-OC

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