

# TIGER Neo

## 66HL4M-BDV

600-620 Watt

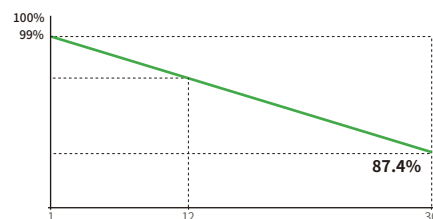
BIFACIAL MODULE WITH DUAL GLASS

N-type



### 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

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



POSITIVE QUALITY™  
Continuous Quality Assurance

JKM600-620N-66HL4M-BDV-F1C4-EN

# 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
Output Cables	4.0 mm <sup>2</sup> (+): 400 mm, (-): 200 mm or Customized Length
Connector Type	1500V:Staubli MC4-EVO2; JK03M/2B,JK03M2/2B

## 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]	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 % ~ +3 %				
Power Sorting 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)

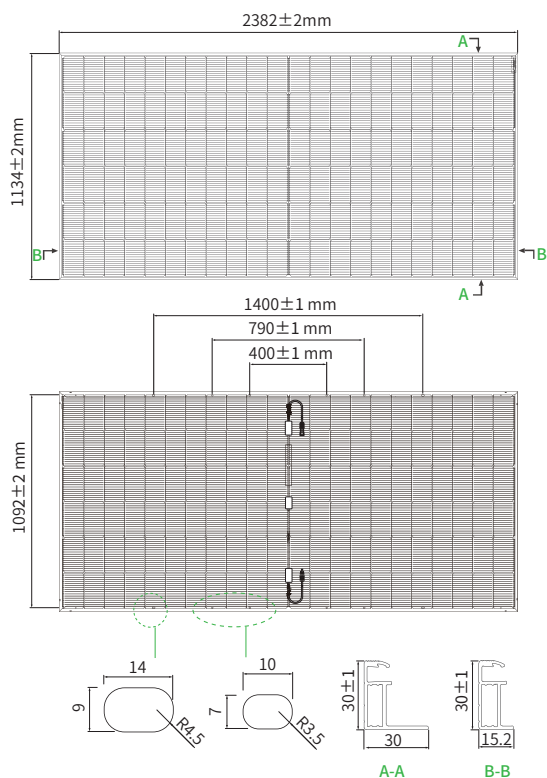
Maximum Power - Pmax [Wp]	663	668	674	679	685
Maximum Power Voltage - Vmp [V]	40.16	40.29	40.46	40.59	40.75
Maximum Power Current - Imp [A]	16.51	16.58	16.66	16.73	16.81
Open-circuit Voltage - Voc [V]	48.26	48.46	48.66	48.86	49.06
Short-circuit Current - Isc [A]	17.50	17.56	17.64	17.70	17.77
Short-circuit Current Bifaciality Coefficient	(80±5) %				
Open-circuit Voltage Bifaciality Coefficient	(98±5) %				
Maximum Power Bifaciality Coefficient	(80±5) %				

BNPI: Irradiance 1000+φ\*135W/m<sup>2</sup>, Ambient Temperature 25°C, AM = 1.5

## 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 %

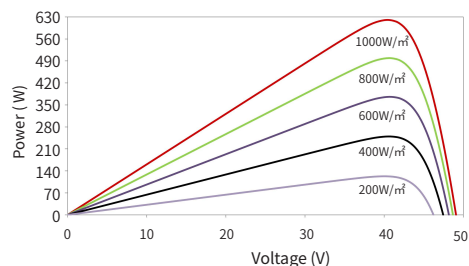
## Engineering Drawings



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

## Electrical Performance

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



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

