

# TIGER Neo

## 66HL5-BDV

700-725 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.



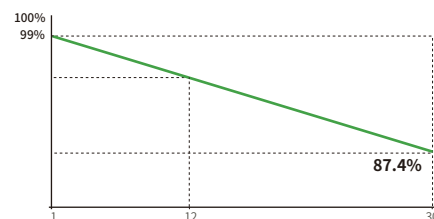
### Dual-Sided Power Generation

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

\*Warranty valid under Standard Test Conditions (STC) only

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



JKM700-725N-66HL5-BDV-Z5C1-OC

# JKMxxxN-66HL5-BDV (xxx=700-725, in steps of 5)

## Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	132 (66×2)
Dimensions	2384×1303×33 mm
Weight	37.5 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	PV-JK03M/xy, PV-JK03M2/xy (JinKO); PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy (Staubli)
Output Cables	4.0 mm <sup>2</sup> (+): 400 mm , (-): 200 mm or Customized Length

## Packaging Configuration

Pallet Dimensions	1325×1121×2496 mm
Packing Detail (Two pallets = One stack)	33 pcs/pallets, 594 pcs/ 40'HQ Container

## Specifications (STC)

Maximum Power - Pmax [Wp]	700	705	710	715	720	725
Maximum Power Voltage - Vmp [V]	40.42	40.53	40.65	40.77	40.89	41.00
Maximum Power Current - Imp [A]	17.32	17.40	17.47	17.54	17.61	17.69
Open-circuit Voltage - Voc [V]	48.40	48.56	48.73	48.88	49.04	49.20
Short-circuit Current - Isc [A]	18.40	18.46	18.53	18.60	18.67	18.74
Module Efficiency STC [%]	22.54	22.70	22.86	23.02	23.18	23.34
Short-circuit Current - Isc [A] at BSI	22.69	22.77	22.86	22.93	23.03	23.12
Measurement Tolerance	STC: Pmax ±3%, Voc ±5%, Isc ±5%; BSI: Isc ±5%					
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/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5 BSI: Irradiance: Front 1000W/m<sup>2</sup>, Rear 300W/m<sup>2</sup>

## Specifications (BNPI)

Maximum Power - Pmax [Wp]	773	779	784	790	795	800
Maximum Power Voltage - Vmp [V]	40.41	40.55	40.66	40.80	40.92	41.03
Maximum Power Current - Imp [A]	19.13	19.21	19.28	19.36	19.43	19.50
Open-circuit Voltage - Voc [V]	48.47	48.59	48.72	48.85	48.99	49.12
Short-circuit Current - Isc [A]	20.33	20.40	20.48	20.55	20.63	20.71

BNPI: Irradiance: front 1000W/m<sup>2</sup>, rear 135W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

Measurement tolerance: Pmax ±3%, Voc ±5%, Isc ±5%

## Bifacial Output-Rearside Power Gain

[15%] Maximum Power - Pmax [Wp]	805	811	817	822	828	834
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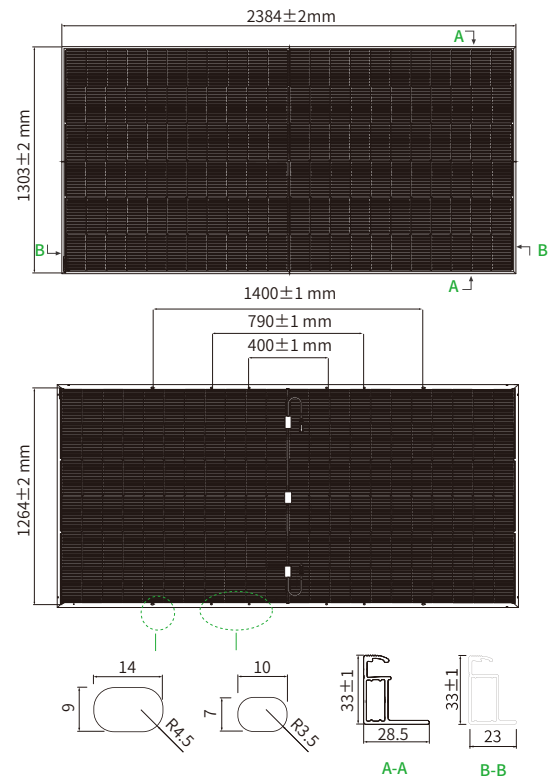
## Application Conditions

Operating Temperature	-40 °C ~ +70 °C*
Module [T98]max	70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficients	φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 %

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

**Jinko Solar**

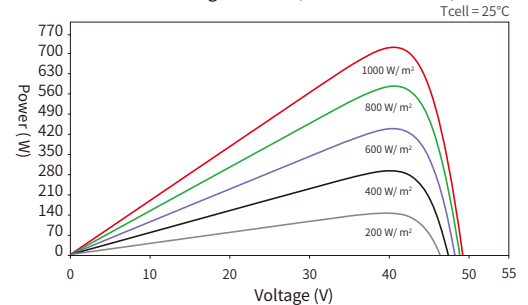
## Engineering Drawings



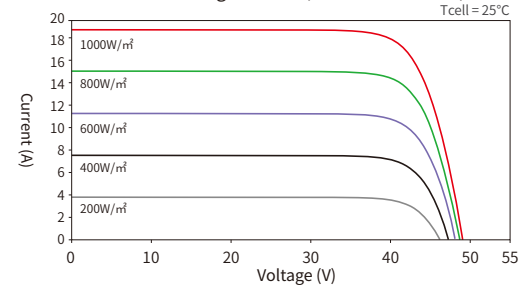
\*Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

## Electrical Performance

### Power-Voltage Curves (66HL5-BDV 725W)



### Current-Voltage Curves (66HL5-BDV 725W)



Made in china

JKM700-725N-66HL5-BDV-Z5C1-OC

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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.