

TIGER Neo

66HL4M-BDX

625-650 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



High Hail Resistance

Tested and certified to withstand hail strikes of up to 55mm.

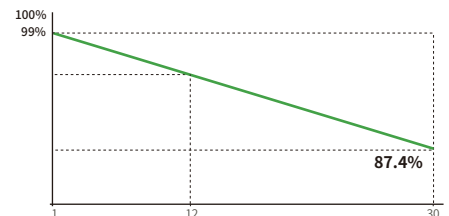


Mechanical Load Enhanced

Certified to withstand:

6000 Pa front side max static test load

4000 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

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



JKM625-650N-66HL4M-BDX-Z1C1-OC

JKMxxxN-66HL4M-BDX (xxx=625-650, in steps of 5)

Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	132 (66×2)
Dimensions	2382×1134×30 mm
Weight	38.8 kg
Front Glass	2.5 mm, Anti-reflection Coating
Back Glass	2.5 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 (Including Connector)	4.0 mm ² (+): 400 mm , (-): 200 mm or Customized Length

Packaging Configuration

Pallet Dimensions	2442×1140×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 576 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	625	630	635	640	645	650
Maximum Power Voltage - Vmp [V]	40.88	41.02	41.16	41.30	41.44	41.57
Maximum Power Current - Imp [A]	15.29	15.36	15.43	15.50	15.57	15.64
Open-circuit Voltage - Voc [V]	49.28	49.48	49.68	49.88	50.08	50.28
Short-circuit Current - Isc [A]	16.14	16.20	16.26	16.32	16.38	16.44
Module Efficiency STC [%]	23.14	23.32	23.51	23.69	23.88	24.06
Power Measurement Tolerance	± 3%					
Power Sorting	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]	690	696	701	707	712	717
Maximum Power Voltage - Vmp [V]	40.88	41.04	41.17	41.33	41.46	41.59
Maximum Power Current - Imp [A]	16.88	16.95	17.03	17.10	17.17	17.24
Open-circuit Voltage - Voc [V]	49.26	49.46	49.66	49.86	50.06	50.26
Short-circuit Current - Isc [A]	17.83	17.90	17.96	18.03	18.09	18.15

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

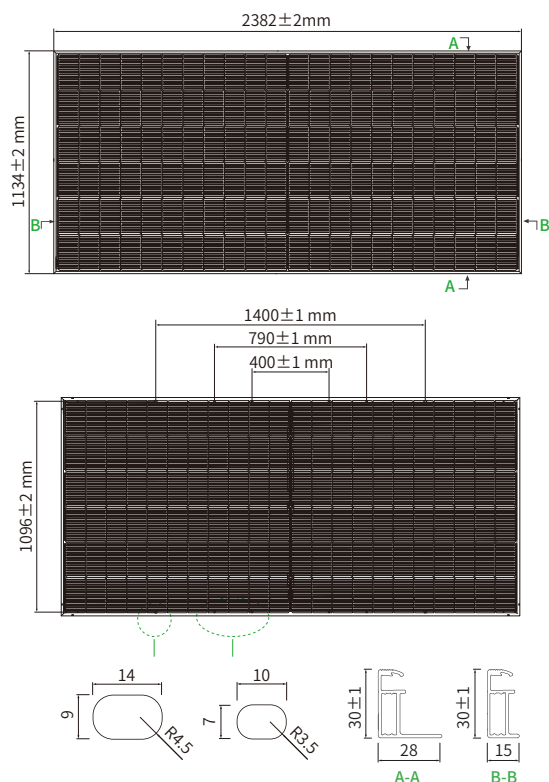
Bifacial Output-Rearside Power Gain

[15%] Maximum Power - Pmax [Wp]	719	725	730	736	742	748
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Application Conditions

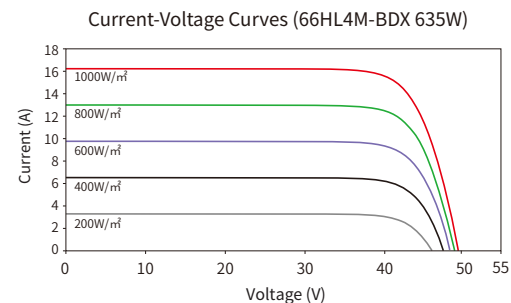
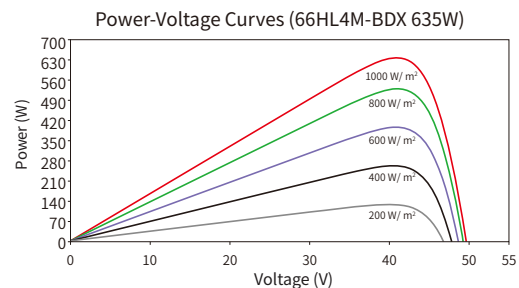
Operating Temperature	-40 °C ~ +70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficient	φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 %

Engineering Drawings



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

Electrical Performance



JinKO Solar

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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.

Made in China

JKM625-650N-66HL4M-BDX-Z1C1-OC

www.jinkosolar.com
www.jinkosolar.com.au