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Tiger Neo

66HL4M-BDV

625-650 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type

HOT 3.0 Technology

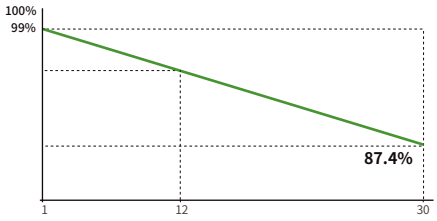
N-type modules with JinkoSolar's HOT 3.0 technology offer better reliability and efficiency.

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	30 Year	1%	0.40%
Product Warranty	Linear Power Warranty	First-year Degradation	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-BDV-Z4-OC

66HL4M-BDV 625-650 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	PV-JK03M/xy,PV-03M2/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	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]	625	630	635	640	645	650
Maximum Power Voltage - Vmp [V]	40.88	41.02	41.16	41.30	41.44	41.58
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 Coefficient of Pmax	-0.29 %/°C					
Temperature Coefficient of Voc	-0.25 %/°C					
Temperature Coefficient of Isc	0.045 %/°C					

STC: Irradiance 1000W/m^2, Cell Temperature 25°C, AM=1.5 *Power measurement tolerance : ±3%

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/m^2, rear 135W/m^2, Cell Temperature 25°C, AM=1.5
*Power measurement tolerance : ±3%

Bifacial Output-Rearside Power Gain

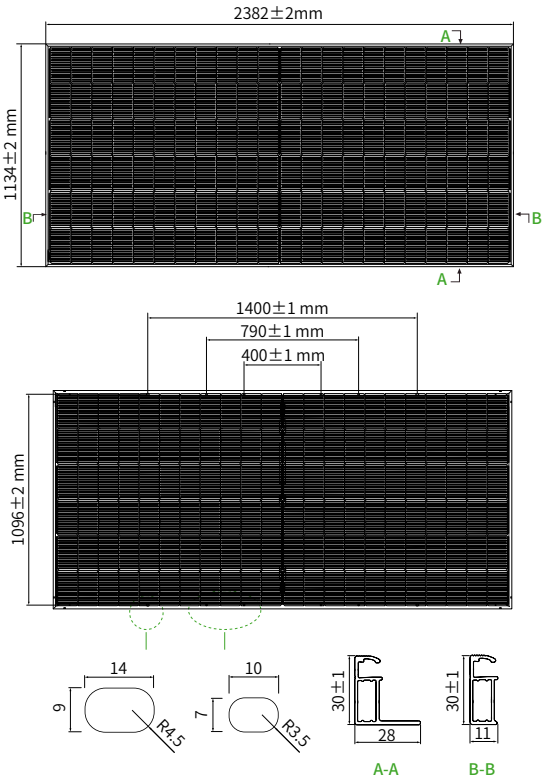
[15%] Maximum Power - Pmax [Wp]	719	725	730	736	742	748

Application Conditions

Level T_{98} ⩽ 70 °C	-40 °C ~ +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

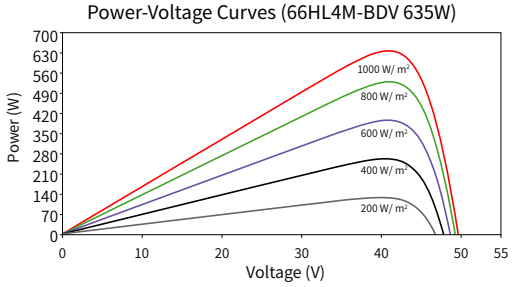
Engineering Drawings



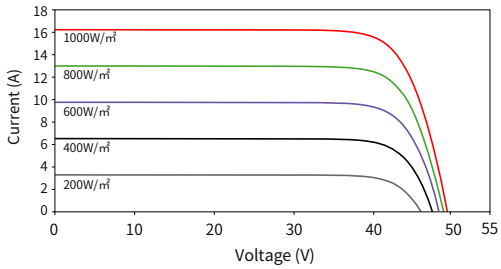
Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

Electrical Performance

Power-Voltage Curves (66HL4M-BDV 635W)



Current-Voltage Curves (66HL4M-BDV 635W)



Made in China

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.

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