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Tiger Neo

72HL4-BDV

565-610 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



HOT 3.0 Technology

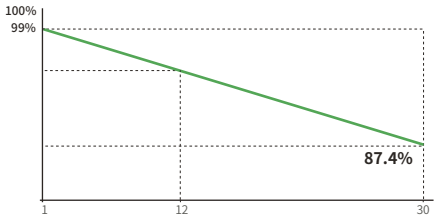
N-type modules with JinkoSolar's HOT 3.0 technology offer better reliability and efficiency.

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



12Year 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

JKM565-610N-72HL4-BDV-F9C2-OC

72HL4-BDV 565-610 Watt

Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	144（72×2）
Dimensions	2278×1134×30 mm
Weight	31.0 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^2 (+): 400 mm , (-): 200 mm or Customized Length

Packaging Configuration

Pallet Dimensions	2338×1140×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 720 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	565	570	575	580	585	590	595	600	605	610
Maximum Power Voltage - Vmp [V]	43.43	43.58	43.73	43.88	44.02	44.17	44.31	44.45	44.59	44.73
Maximum Power Current - Imp [A]	13.01	13.08	13.15	13.22	13.29	13.36	13.43	13.50	13.57	13.64
Open-circuit Voltage - Voc [V]	51.90	52.10	52.30	52.50	52.70	52.90	53.10	53.30	53.50	53.70
Short-circuit Current - Isc [A]	13.77	13.83	13.89	13.95	14.01	14.07	14.13	14.19	14.25	14.31
Module Efficiency STC [%]	21.87	22.07	22.26	22.45	22.65	22.84	23.03	23.23	23.42	23.61
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/m^2, Cell Temperature 25°C, AM=1.5

Specifications (BNPI)

Maximum Power - Pmax [Wp]	622	627	633	638	644	649	655	660	666	671
Maximum Power Voltage - Vmp [V]	43.50	43.67	43.84	44.00	44.17	44.33	44.50	44.66	44.82	44.98
Maximum Power Current - Imp [A]	14.30	14.36	14.44	14.50	14.58	14.64	14.72	14.78	14.86	14.92
Open-circuit Voltage - Voc [V]	51.93	52.13	52.33	52.53	52.73	52.93	53.13	53.33	53.53	53.73
Short-circuit Current - Isc [A]	15.07	15.13	15.19	15.25	15.31	15.37	15.43	15.49	15.55	15.61

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

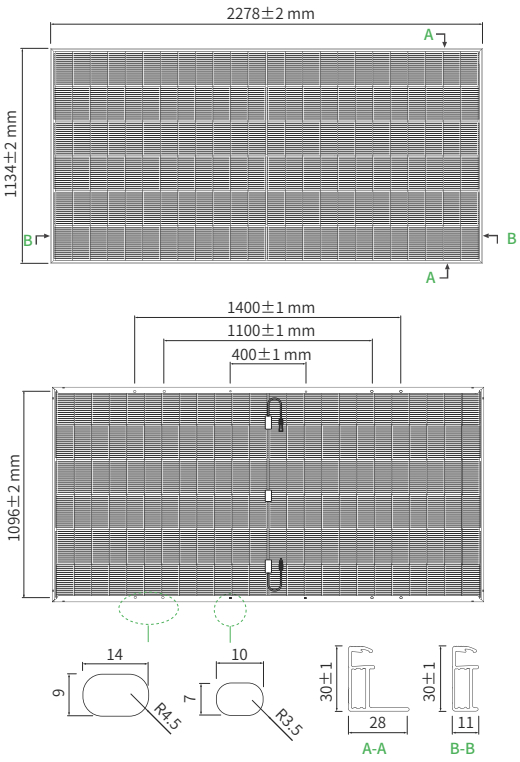
Bifacial Output-Rearside Power Gain

[15%] Maximum Power - Pmax [Wp]	650	656	661	667	673	679	684	690	696	702

Application Conditions

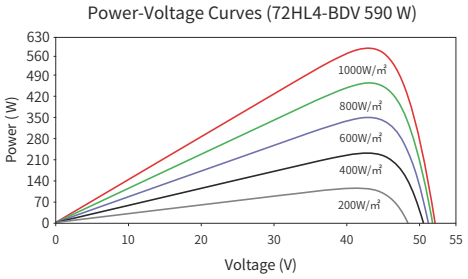
Operating Temperature	-40 °C ~ +70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	30 A
Bifaciality Coefficient	φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 %

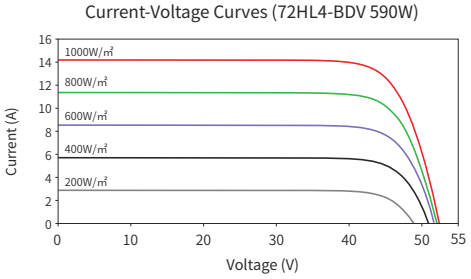
Engineering Drawings



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

Electrical Performance





JinKO Solar

Made in Vietnam

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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.