Jinko Solar Co., Ltd.
www.jinkosolar.com

Tiger Neo

72HL4-BDX

570-590 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type

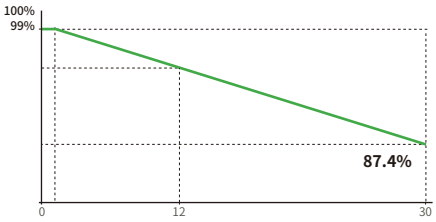


Mechanical Load Enhanced

Certified to withstand:
6000 Pa front side max static test load
4000 Pa rear side max static test load

High Hail Resistance

Pass the 55mm hail resistance test.



12 Year Product Warranty | **30** Year Linear Power Warranty | **1**% First-year Degradation | **0.40**% Annual Degradation Over 30 Years

HOT 2.0 Technology

N-type modules with JinkoSolar's HOT 2.0 technology offer better reliability and efficiency.

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

CLEAN ENERGY COUNCIL MEMBER
POSITIVE QUALITY Continuous Quality Assurance

JKM570-590N-72HL4-BDX-F2-EN AU CEC

72HL4-BDX 570-590 Watt

Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (72×2)
Dimensions	2278×1134×30 mm
Weight	37.7 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	Jinko material:JK03M; JK03M2; Stäubli: MC4-EVO2;
Output Cables	4.0 mm^2 (+): 400 mm , (-): 200 mm or Customized Length

Packaging Configuration

(Two pallets = One stack)	2338×1140×1251 mm
Packing detail	36 pcs/pallets, 72 pcs/stack, 612 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	570	575	580	585	590
Maximum Power Voltage - Vmp [V]	43.58	43.73	43.88	44.02	44.17
Maximum Power Current - Imp [A]	13.08	13.15	13.22	13.29	13.36
Open-circuit Voltage - Voc [V]	52.10	52.30	52.50	52.70	52.90
Short-circuit Current - Isc [A]	13.83	13.89	13.95	14.01	14.07
Module Efficiency STC [%]	22.07	22.26	22.45	22.65	22.84
Power Measurement Tolerance	± 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^2, Cell Temperature 25°C, AM=1.5

Specifications (BNPI)

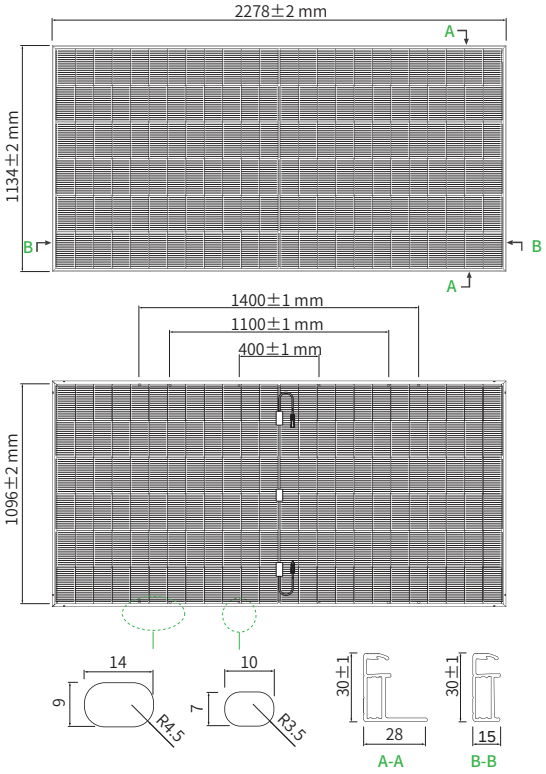
Maximum Power - Pmax [Wp]	627	633	638	644	649
Maximum Power Voltage - Vmp [V]	43.67	43.84	44.00	44.17	44.33
Maximum Power Current - Imp [A]	14.36	14.44	14.50	14.58	14.64
Open-circuit Voltage - Voc [V]	52.13	52.33	52.53	52.73	52.93
Short-circuit Current - Isc [A]	15.13	15.19	15.25	15.31	15.37
Short-circuit Current Bifaciality Coefficient	(80±5) %				
Open-circuit Voltage Bifaciality Coefficient	(98±5) %				
Maximum Power Bifaciality Coefficient	(80±5) %				

BNPI: Irradiance 1000 + φ*135W /m^2, Cell Temperature 25°C, AM=1.5

Application Conditions

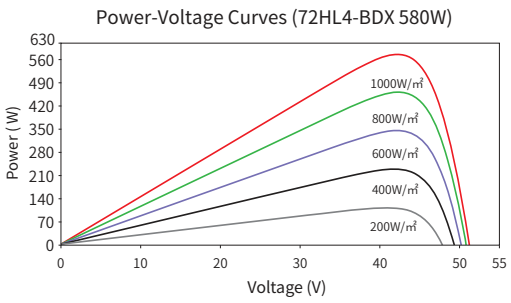
Operating Temperature [°C]	-40 °C ~ +85 °C
Maximum system voltage	1500 VDC (IEC)
Maximum series fuse rating	30 A
Nominal operating cell temperature (NOCT)	45±2 °C
Refer. Bifacial Factor	80±5 %

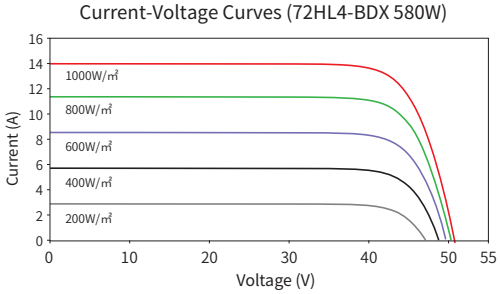
Engineering Drawings



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

Electrical Performance





JKM570-590N-72HL4-BDX-F2-EN AU CEC

No.1, Lane 1466, Shen Chang Road, Minhang District, Shanghai, China
Tel: +86-21-51808777 Fax: +86-21-51808600 www.jinkosolar.com

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.