

Tiger Neo N-type

72HL4-BDV

550-570 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-Type

Positive power tolerance of 0~+3%

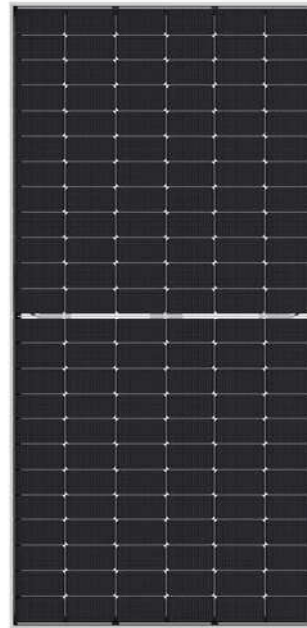
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



Key Features



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Higher Power Output

Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.



Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



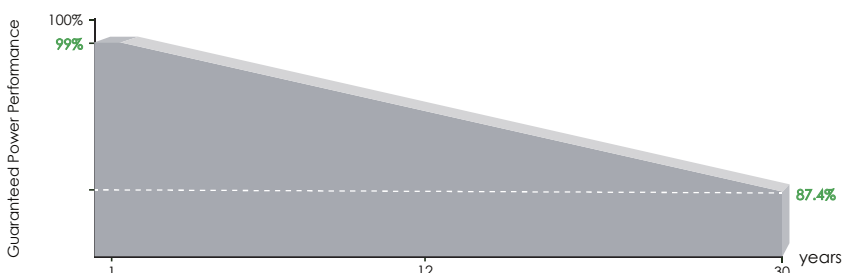
Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

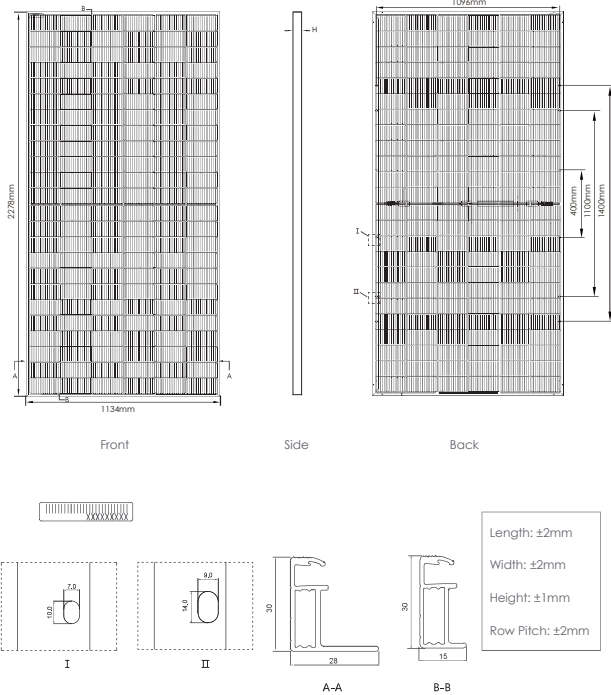


15 Year Product Warranty

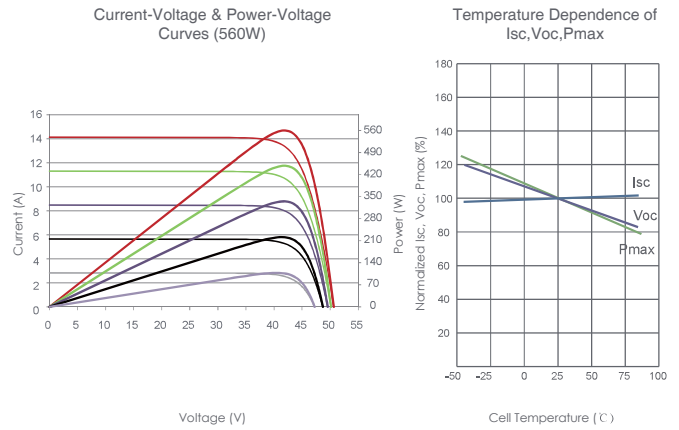
30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	144 (2×72)
Dimensions	2278×1134×30mm (89.69×44.65×1.18 inch)
Weight	32 kg (70.55 lbs)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 400mm, (-): 200mm or Customized Length

Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

SPECIFICATIONS

Module Type	JKM550N-72HL4-BDV		JKM555N-72HL4-BDV		JKM560N-72HL4-BDV		JKM565N-72HL4-BDV		JKM570N-72HL4-BDV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	550Wp	414Wp	555Wp	417Wp	560Wp	421Wp	565Wp	425Wp	570Wp	429Wp
Maximum Power Voltage (Vmp)	41.58V	39.13V	41.77V	39.26V	41.95V	39.39V	42.14V	39.52V	42.29V	39.65V
Maximum Power Current (Imp)	13.23A	10.57A	13.29A	10.63A	13.35A	10.69A	13.41A	10.75A	13.48A	10.81A
Open-circuit Voltage (Voc)	50.27V	47.75V	50.47V	47.94V	50.67V	48.13V	50.87V	48.32V	51.07V	48.51V
Short-circuit Current (Isc)	14.01A	11.31A	14.07A	11.36A	14.13A	11.41A	14.19A	11.46A	14.25A	11.50A
Module Efficiency STC (%)	21.29%		21.48%		21.68%		21.87%		22.07%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.30%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.046%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	80±5%									

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

		5%		15%		25%	
		Maximum Power (Pmax)	Module Efficiency STC (%)	Maximum Power (Pmax)	Module Efficiency STC (%)	Maximum Power (Pmax)	Module Efficiency STC (%)
5%	Maximum Power (Pmax)	578Wp	583Wp	588Wp	593Wp	599Wp	
	Module Efficiency STC (%)	22.36%	22.56%	22.77%	22.97%	23.17%	
15%	Maximum Power (Pmax)	633Wp	638Wp	644Wp	650Wp	656Wp	
	Module Efficiency STC (%)	24.48%	24.71%	24.93%	25.15%	25.37%	
25%	Maximum Power (Pmax)	688Wp	694Wp	700Wp	706Wp	713Wp	
	Module Efficiency STC (%)	26.61%	26.86%	27.10%	27.34%	27.58%	

*STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

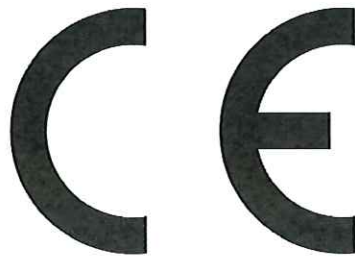
NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

CE DECLARATION OF CONFORMITY DEKLARACJA ZGODNOŚCI CE



Business name of the manufacturer: **Jinko Solar Co., Ltd.**
Nazwa producenta:

Full address of the manufacture: No.1 Jinko Road, Shangrao Economic Development Zone,
Dokładny adres producenta: Jiangxi Province, China

To whom it may concern *Do osób, których może dotyczyć*

WE, Jinko Solar Co. Ltd., hereby declare under our sole responsibility that the product(s):
MY, Jinko Solar Co. Ltd., niniejszym na naszą wyłączną odpowiedzialność oświadczamy, że produkta(y):

DESCRIPTION: Photovoltaic solar module
OPIS: modul fotowoltaiczny

BRAND: JinkoSolar
MARKA: JinkoSolar

MODULE TYPE (S):
TYP(Y) MODULU(ÓW):

JKMxxxN-78HL4; JKMxxxN-78HL4-V
(xxx=570-620, in steps of / w odstępach co 5, 156 cells/ ogniwa)

JKMxxxN-72HL4; JKMxxxN-72HL4-V
(xxx=560-570, in steps of / w odstępach co 5, 144 cells/ ogniwa)

JKMxxxN-60HL4; JKMxxxN-60HL4-V
(xxx=465-475, in steps of / w odstępach co 5, 120 cells/ ogniwa)



Building Your Trust in Solar

晶科能源

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电话: (86) 21-6061 1799
传真: (86) 21-6876 1115

Tel: (86) 21-6061 1799
Fax: (86) 21-6876 1115

JKMxxxN-54HL4 JK MxxxN-54HL4 -V
(xxx=420-425, in steps of / w odstępach co 5, 108 cells/ ogniwa)

JKMxxxN-78HL4-BDV
(xxx=570-615, in steps of / w odstępach co 5, 156 cells/ ogniwa)

JKMxxxN-72HL4-BDV,
(xxx=555-565, in steps of / w odstępach co 5, 144 cells/ ogniwa)

MANUFACTURER: Jinko Solar Co., Ltd.

PRODUCENT: Jinko Solar Co., Ltd.,

Are in conformity with the following standards:

Są zgodne z następującymi normami:

THE LOW VOLTAGE EUROPEAN DIRECTIVE 2014/35/EU.

EUROPEJSKA DYREKTYWA NISKONAPIĘCIOWA 2014/35/UE.

THE ELECTROMANGNETIC COMPATIBILITY EUROPEAN DIRECTIVE 2014/30/EU.

Kompatybilności Elektromagnetycznej DYREKTYWA PARLAMENTU EUROPEJSKIEGO I RADY 2014/30/UE

IEC 61215-1:2016

IEC 61215-1-1:2016

IEC 61215-2:2016

IEC 61730-1:2016

IEC 61730-2:2016

EN 61215-1:2016

EN 61215-2:2017

EN 61215-1-1:2016

EN IEC 61730-1:2018

EN IEC 61730-2:2018

CE MARK OF DATE: 2022

ROK OZNAKOWANIA CE: 2022

The institute TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90341 Nürnberg has certified the product(s). The technical documentation and full compliance with the standards listed above proves the conformity of the product with the requirements of the above-mentioned EC Council directive.

This document has been issued in English. In case of translation discrepancy of this document, the English version shall prevail.

Instytut TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90341 Nürnberg, przyznał certyfikat(y) produktowi(om). Dokumentacja techniczna oraz pełna zgodność z wyżej wymienionymi normami potwierdza zgodność produktu z wymaganiami powyższej dyrektywy Rady WE.

Niniejszy dokument został wydany w języku angielskim. W przypadku rozbieżności w tłumaczeniu niniejszego dokumentu obowiązuje wersja angielska.

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Title - Name -Signature: VP-Wang Zhihua
/ Tytuł – Imię i nazwisko – Podpis

