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Solar JinKO
Building Your Trust in Solar

Tiger Neo N-type 72HL4-BDV

565-585Watt

BIFACIAL MODULE WITH DUAL GLASS

N-Type

Positive power tolerance of 0~+3%

IEC61215(2005), IEC61730(2004)

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.

Hot 2.0 Technology

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

PID Resistance

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

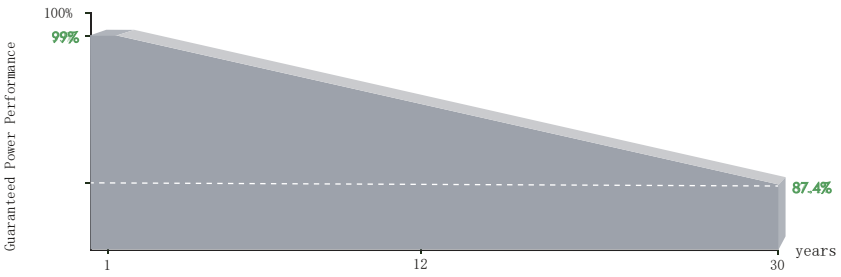
Enhanced Mechanical Load

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

Higher Power Output

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

LINEAR PERFORMANCE WARRANTY

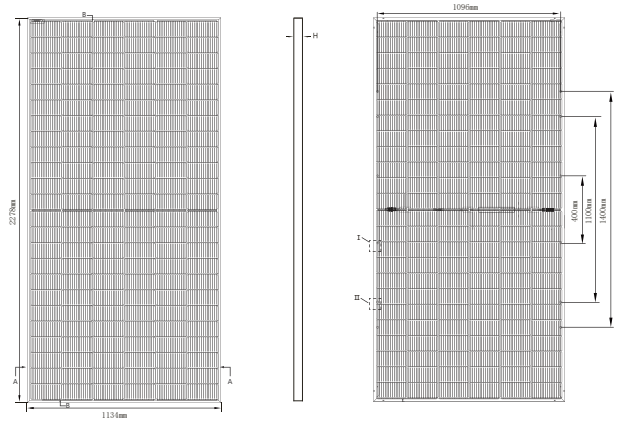


12 Year Product Warranty

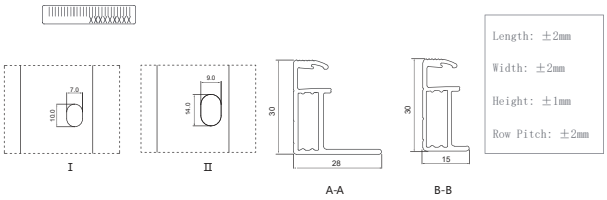
30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

Engineering Drawings



Front Side Back



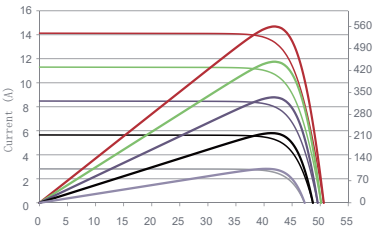
Packaging Configuration

(Two pallets = One stack)

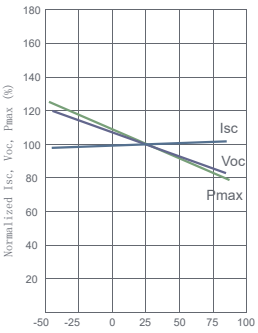
36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (560W)



Temperature Dependence of Isc, Voc, Pmax



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 1×4.0mm² (+):400mm , (-): 200mm or Customized Length

SPECIFICATIONS

Module Type	JKM565N-72HL4-BDV		JKM570N-72HL4-BDV		JKM575N-72HL4-BDV		JKM580N-72HL4-BDV		JKM585N-72HL4-BDV	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp	580Wp	436Wp	585Wp	440Wp
Maximum Power Voltage (Vmp)	42.14V	39.52V	42.29V	39.65V	42.44V	39.31V	42.59V	39.87V	42.74V	40.03V
Maximum Power Current (Imp)	13.41A	10.75A	13.48A	10.81A	13.55A	11.00A	13.62A	10.94A	13.69A	10.99A
Open-circuit Voltage (Voc)	50.87V	48.32V	51.07V	48.51V	51.27V	48.70V	51.47V	48.89V	51.67V	49.08V
Short-circuit Current (Isc)	14.19A	11.46A	14.25A	11.50A	14.31A	11.55A	14.37A	11.60A	14.43A	11.65A
Module Efficiency STC (%)	21.87%		22.07%		22.26%		22.45%		22.64%	
Operating Temperature(℃)	-40℃~+85 ℃									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.29%/℃									
Temperature coefficients of Voc	-0.25%/℃									
Temperature coefficients of Isc	0.045%/ ℃									
Nominal operating cell temperature (NOCT)	45±2℃									
Refer. Bifacial Factor	80±5%									

BIFACIAL OUTPUT-REARSIDE POWER GAIN

5%	Maximum Power (Pmax)	593Wp	599Wp	604Wp	609Wp	614Wp
	Module Efficiency STC (%)	22.97%	23.17%	23.37%	23.57%	23.78%
15%	Maximum Power (Pmax)	650Wp	656Wp	661Wp	667Wp	673Wp
	Module Efficiency STC (%)	25.15%	25.38%	25.60%	25.82%	26.04%
25%	Maximum Power (Pmax)	706Wp	713Wp	719Wp	725Wp	731Wp
	Module Efficiency STC (%)	27.34%	27.58%	27.82%	28.07%	28.31%

*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