

TIGER Neo

72HL4-(V)

580-605 Watt

MONO-FACIAL MODULE

N-type



N-type Technology

N-type modules with Tunnel Oxide Passivating Contacts (TOPcon) technology offer lower LID/LeTID degradation and better low light performance.



Durability Against Extreme Environment

High salt mist and ammonia resistance.



SMBB Technology

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



HOT 3.0 Technology

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



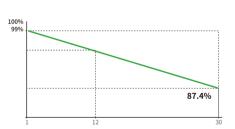
Mechanical Load Enhanced

Certified to withstand: 5400 Pa front side max static test load 2400 Pa rear side max static test load



Anti-PID guarantee

Minimizes the chance of degradation caused by PID phenomena through optimization of cell production technology and material control.



12_{Year}

30 Yea Linear Power Warranty 1% First-year 0.40%

- IEC61215:2021 / IEC61730:2023
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



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POSITIVE QUALITY™ Continuous Quality Assurance

JKM580-605N-72HL4-(V)-F9-EN

72HL4-(V) 580-605 Watt

Mechanical Characteristics

Cell Type	N -type Mono-crystalline		
No. of cells	144 (72×2)		
Dimensions	2278×1134×30 mm		
Weight	27.0 kg		
Front Glass	3.2mm, Anti-reflection Coating, High Transmission, Low Iron, Tempered Glass		
Frame	Anodized Aluminium Alloy		
Junction Box	IP68 Rated		
Protection Class	Class II		
IEC Fire Type	Class C		
Connector Type	JK03M/MC4/Others		
Output Cables	4.0 mm ²		
	(+): 400 mm , (-): 200 mm or Customized Length		

Packaging Configuration

Pallet Dimensions	2308×1140×1249 mm			
Packing detail	37 pcs/pallets, 74 pcs/stack,			
(Two pallets=One stack)	740 pcs/ 40'HQ Container			

Specifications (STC)

Maximum Power – Pmax [Wp]	580	585	590	595	600	605
Maximum Power Voltage – Vmp [V]	43.35	43.53	43.71	43.88	44.06	44.23
Maximum Power Current – Imp [A]	13.38	13.44	13.50	13.56	13.62	13.68
Open-circuit Voltage – Voc [V]	52.31	52.47	52.63	52.79	52.95	53.11
Short-circuit Current – Isc [A]	14.01	14.07	14.13	14.19	14.25	14.31
Module Efficiency STC [%]	22.45	22.65	22.84	23.03	23.23	23.42
Power Tolerance	0 ~ + 3 %					
Temperature Coefficients of Pmax	-0.29 %/°C					
Temperature Coefficients of Voc	-0.25 %/°C					
Temperature Coefficients of Isc	0.045 %/°C					
Temperature Coefficients of Pmax Temperature Coefficients of Voc	-0.29 %/°C -0.25 %/°C					

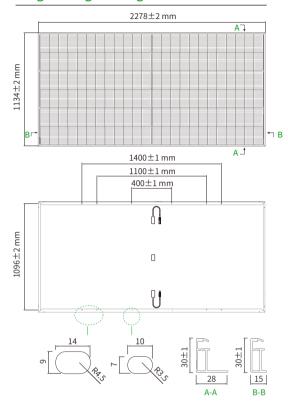
STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

Application Conditions

Operating Temperature	-40 °C ~ +70°C
Maximum System Voltage	1000/1500 VDC (IEC)
Maximum Series Fuse Rating	25 A

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.

Engineering Drawings



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

Electrical Performance

