

TIGER Neo

60HL4-V

470-500 Watt
MONO-FACIAL MODULE

N-type



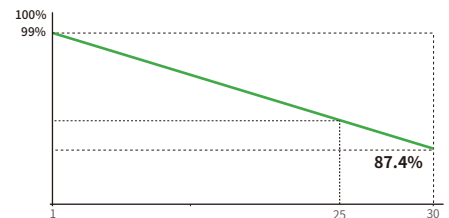
HOT 2.0 Technology

N-type modules with JinkoSolar's HOT 2.0 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



25 Year Product Warranty	30 Year Linear Power Warranty	1% First-year Degradation	0.4% Annual Degradation Over 30 Years
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- IEC61215 (2021) / IEC61730 (2023)
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



POSITIVE QUALITY™
Continuous Quality Assurance

JKM470-500N-60HL4-V-F6C3-EN

60HL4-V 470-500 Watt

Mechanical Characteristics

Cell Type	N -type Mono-crystalline
No. of cells	120 (60×2)
Dimensions	1906×1134×30 mm
Weight	22.5 kg
Front Glass	3.2 mm, 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	Staubli JK03M; JK03M2; MC4; MC4-EVO2; Jinko material
Output Cables	4.0 mm ² (+): 400 mm , (-): 200 mm or Customized Length

Packaging Configuration

Pallet Dimensions	1936×1120×1249 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 864 pcs/ 40'HQ Container

Specifications (STC)

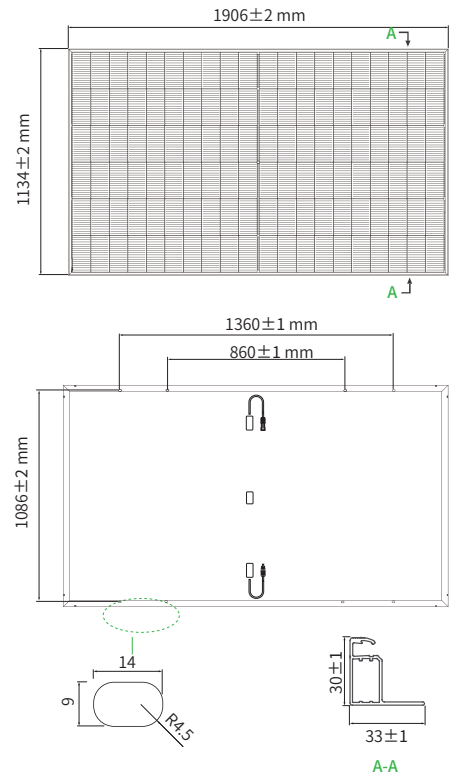
Maximum Power - P _{max} [Wp]	470	475	480	485	490	495	500
Maximum Power Voltage - V _{mp} [V]	35.69	35.88	36.06	36.25	36.43	36.62	36.79
Maximum Power Current - I _{mp} [A]	13.17	13.24	13.31	13.38	13.45	13.52	13.59
Open-circuit Voltage - V _{oc} [V]	43.30	43.45	43.60	43.76	43.91	44.07	44.21
Short-circuit Current - I _{sc} [A]	13.69	13.77	13.85	13.93	14.01	14.09	14.17
Module Efficiency STC [%]	21.75	21.98	22.21	22.44	22.67	22.90	23.13
Power Measurement Tolerance	± 3%						
Power Sorting Tolerance	-5 W~+15 W						
Temperature Coefficients of P _{max}	-0.29 %/°C						
Temperature Coefficients of V _{oc}	-0.25 %/°C						
Temperature Coefficients of I _{sc}	0.045 %/°C						

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

Application Conditions

Operating Temperature	-40 °C ~ +85 °C
Maximum System Voltage	1500 VDC (IEC) with -V=1500V, without -V=1000V
Maximum Series Fuse Rating	25 A
Nominal Operating Cell Temperature - NOCT	45±2 °C

Engineering Drawings



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

Electrical Performance

