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Tiger Neo

66HL4M-(V)

605-630 Watt

MONO-FACIAL MODULE

N-type

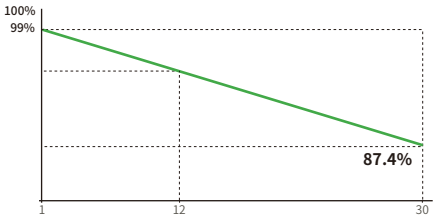


N-type Technology

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

HOT 2.0 Technology

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



12 Year Product Warranty | **30** Year Linear Power Warranty | **1**% First-year Degradation | **0.4**% Annual Degradation Over 30 Years

Durability Against Extreme Environment

High salt mist and ammonia resistance.

Mechanical Load Enhanced

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

- IEC61215 (2016) / IEC61730 (2016)
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems

SMBB Technology

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

Anti-PID Guarantee

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

CLEAN ENERGY COUNCIL MEMBER

POSITIVE QUALITY™ Continuous Quality Assurance

JKM605-630N-66HL4M-(V)-F1-EN

66HL4M-(V) 605-630 Watt

Mechanical Characteristics

Cell Type	N-type Mono-crystalline
No. of Cells	132 (66×2)
Dimensions	2382×1134×35 mm
Weight	28.2 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
Output Cables	4.0 mm² (+): 400 mm , (-): 200 mm or Customized Length

Packaging Configuration

Pallet Dimensions	2396×1110×1251 mm
Packing Detail (Two Pallets = One Stack)	31 pcs/pallets, 62 pcs/stack, 620 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	605	610	615	620	625	630
Maximum Power Voltage - Vmp [V]	40.39	40.56	40.73	40.90	41.07	41.23
Maximum Power Current - Imp [A]	14.98	15.04	15.10	15.16	15.22	15.28
Open-circuit Voltage - Voc [V]	48.47	48.63	48.79	48.95	49.11	49.27
Short-circuit Current - Isc [A]	15.94	16.01	16.08	16.15	16.22	16.29
Module Efficiency STC [%]	22.40	22.58	22.77	22.95	23.14	23.32
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					

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

Specifications (NOCT)

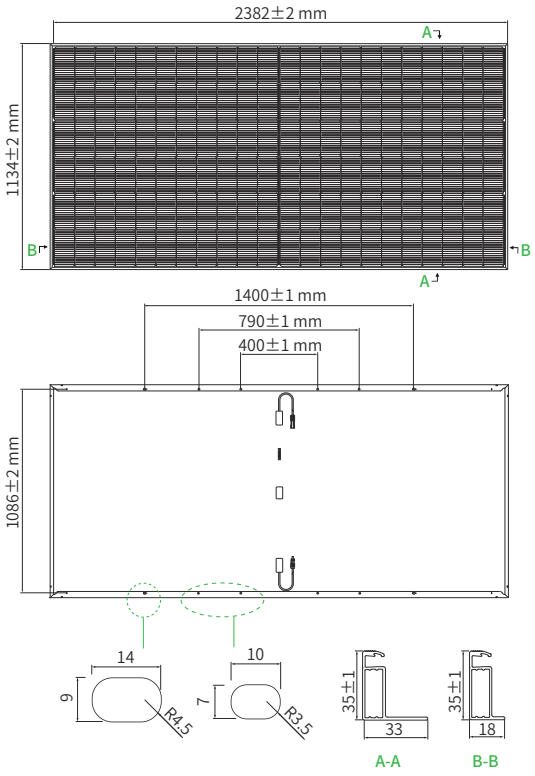
Maximum Power - Pmax [Wp]	457	461	464	468	472	476
Maximum Power Voltage - Vmp [V]	37.71	37.85	38.01	38.10	38.25	38.37
Maximum Power Current - Imp [A]	12.12	12.17	12.22	12.29	12.34	12.40
Open-circuit Voltage - Voc [V]	46.04	46.19	46.34	46.50	46.65	46.80
Short-circuit Current - Isc [A]	12.87	12.92	12.98	13.04	13.09	13.15

NOCT: Irradiance 800W/m², Ambient Temperature 20°C, AM = 1.5, Wind Speed 1m/s

Application Conditions

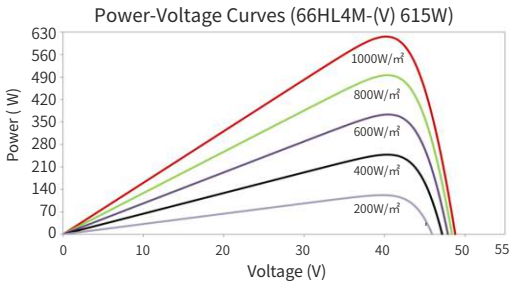
Operating Temperature	-40 °C ~ +85 °C
Maximum System Voltage	1000/1500 VDC (IEC)
Maximum Series Fuse Rating	30 A
Nominal Operating Cell Temperature - NOCT	45±2°C

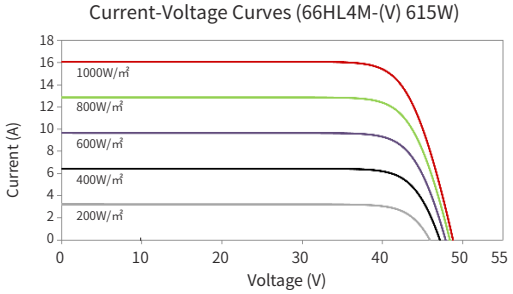
Engineering Drawings



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

Electrical Performance





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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.