

# TIGER Neo

## 66HL4M-(V)

### 605-630 Watt

MONO-FACIAL MODULE

N-type



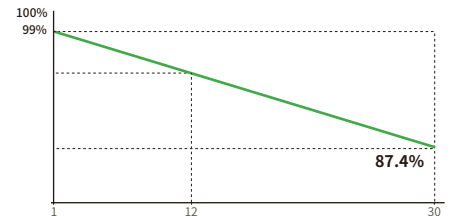
### N-type Technology

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.



<b>12 Year</b> Product Warranty	<b>30 Year</b> Linear Power Warranty	<b>1%</b> First-year Degradation	<b>0.4%</b> Annual Degradation Over 30 Years
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### 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



### 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.

- 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



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 mm <sup>2</sup> (+): 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/m<sup>2</sup>, Cell Temperature 25°C, AM = 1.5

## Specifications (NOCT)

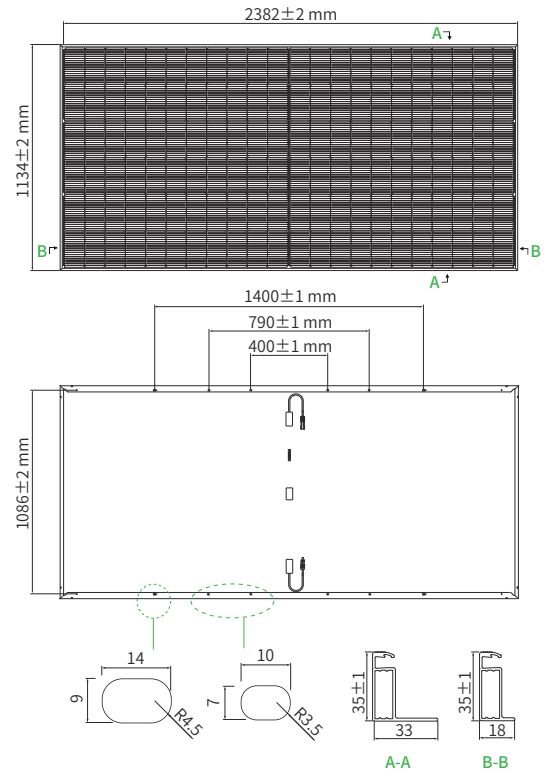
Maximum Power - Pmax [Wp]	457	461	464	468	472	476
Maximum Power Voltage - Vmp [V]	37.71	37.85	38.01	38.10	38.25	38.37
Maximum Power Current - Imp [A]	12.12	12.17	12.22	12.29	12.34	12.40
Open-circuit Voltage - Voc [V]	46.04	46.19	46.34	46.50	46.65	46.80
Short-circuit Current - Isc [A]	12.87	12.92	12.98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

NOCT: Irradiance 800W/m<sup>2</sup>, 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

