

# TIGER Neo

## 60HL4-(V)

### 475-500 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.



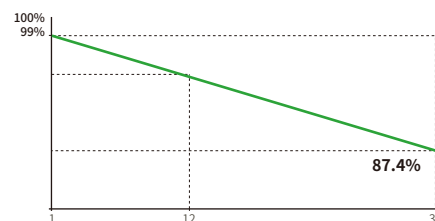
### Mechanical Load Enhanced

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**  
Product Warranty

**30 Year**  
Linear Power  
Warranty

**1%**  
First-year  
Degradation

**0.40%**  
Annual Degradation  
Over 30 Years

- 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



**JKM475-500N-60HL4-(V)-F8-EN**

# 60HL4-(V) 475-500 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      | 3.2mm, Anti-reflection Coating,<br>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 <sup>2</sup><br>(+): 400 mm , (-): 200 mm or Customized Length          |

## Packaging Configuration

|                                           |                                                           |
|-------------------------------------------|-----------------------------------------------------------|
| Pallet Dimensions                         | 1936×1140×1249 mm                                         |
| Packing detail<br>(Two pallets=One stack) | 37 pcs/pallets, 74 pcs/stack,<br>888 pcs/ 40'HQ Container |

## Specifications (STC)

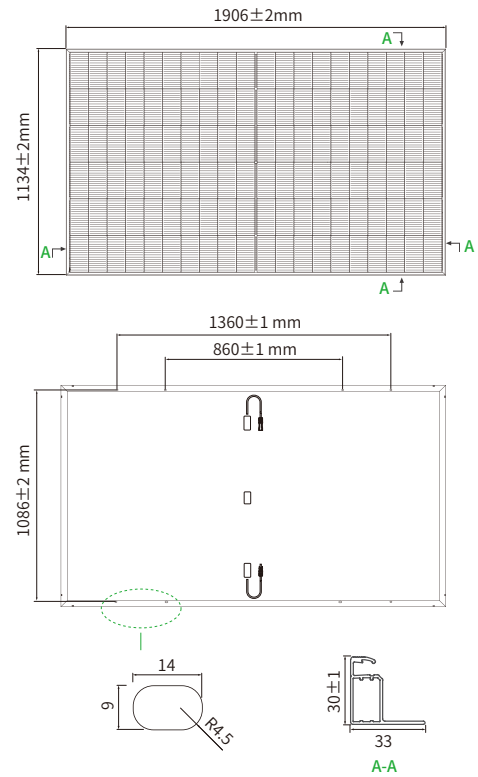
|                                  |            |       |       |       |       |       |
|----------------------------------|------------|-------|-------|-------|-------|-------|
| Maximum Power – Pmax [Wp]        | 475        | 480   | 485   | 490   | 495   | 500   |
| Maximum Power Voltage – Vmp [V]  | 35.88      | 36.06 | 36.25 | 36.43 | 36.62 | 36.79 |
| Maximum Power Current – Imp [A]  | 13.24      | 13.31 | 13.38 | 13.45 | 13.52 | 13.59 |
| Open-circuit Voltage – Voc [V]   | 43.45      | 43.60 | 43.76 | 43.91 | 44.07 | 44.21 |
| Short-circuit Current – Isc [A]  | 13.77      | 13.85 | 13.93 | 14.01 | 14.09 | 14.17 |
| Module Efficiency STC [%]        | 21.98      | 22.21 | 22.44 | 22.67 | 22.90 | 23.17 |
| 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

## Application Conditions

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

## Engineering Drawings



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

## Electrical Performance

