

# Tiger N-Type 66TR 395-415 Watt

MONO-FACIAL ALL BLACK

## N-Type

Positive power tolerance of 0~+3%

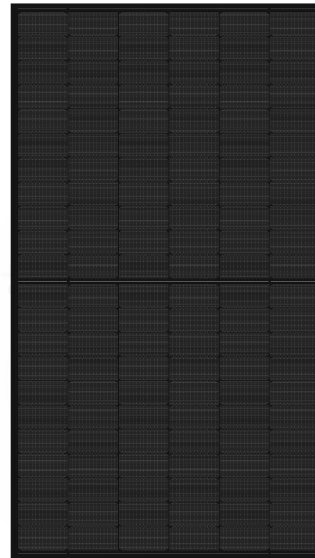
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



## Key Features



### Multi Busbar Technology

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



### PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



### Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



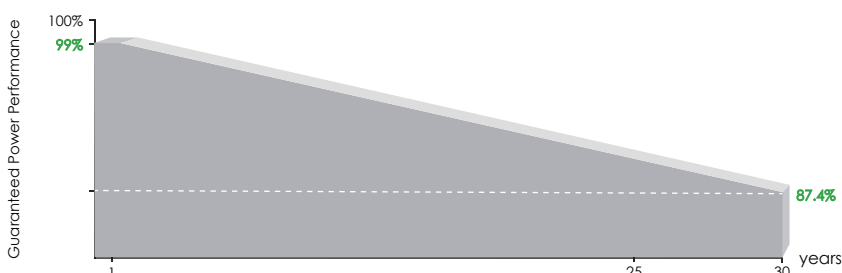
### Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

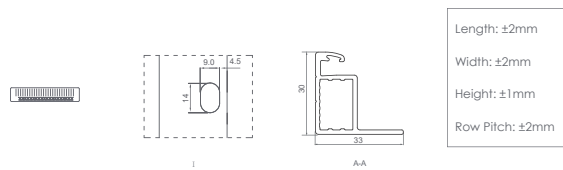
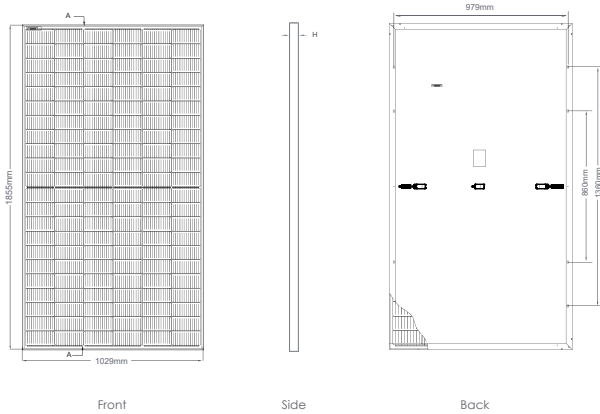


**25** Year Product Warranty

**30** Year Linear Power Warranty

**0.4%** Annual Degradation Over 30 years

## Engineering Drawings

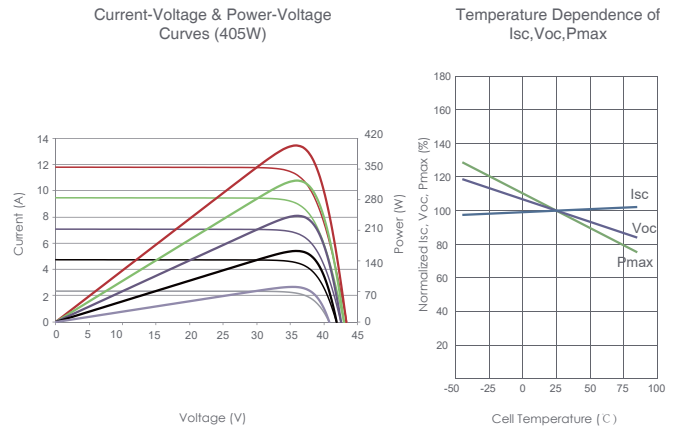


## Packaging Configuration

( Two pallets = One stack )

36pcs/pallets, 72pcs/stack, 864pcs/40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

|               |   |
|---------------|---|
| Cell Type     | N type Mono-crystalline   |
| No. of cells  | 132 (2×66)  |
| Dimensions    | 1855×1029×30mm (73.03×40.51×1.18 inch)                                      |
| Weight        | 20.8kg (45.86 lbs)  |
| Front Glass   | 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass |
| Frame         | Anodized Aluminium Alloy  |
| Junction Box  | IP68 Rated  |
| Output Cables | TUV 1×4.0mm <sup>2</sup><br>(+): 290mm, (-): 145mm or Customized Length     |

## SPECIFICATIONS

| Module Type                               | JKM395N-6RL3-B |        | JKM400N-6RL3-B |        | JKM405N-6RL3-B |        | JKM410N-6RL3-B |        | JKM415N-6RL3-B |        |
|---|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|
|   | STC            | NOCT   | STC            | NOCT   | STC            | NOCT   | STC            | NOCT   | STC            | NOCT   |
| Maximum Power (Pmax)                      | 395Wp          | 295Wp  | 400Wp          | 298Wp  | 405Wp          | 302Wp  | 410Wp          | 306Wp  | 415Wp          | 309Wp  |
| Maximum Power Voltage (Vmp)               | 37.91V         | 35.19V | 38.10V         | 35.38V | 38.28V         | 35.57V | 38.46V         | 35.71V | 38.64V         | 35.85V |
| Maximum Power Current (Imp)               | 10.42A         | 8.37A  | 10.50A         | 8.43A  | 10.58A         | 8.49A  | 10.66A         | 8.56A  | 10.74A         | 8.63A  |
| Open-circuit Voltage (Voc)                | 46.22A         | 43.63V | 46.41          | 43.80V | 46.59V         | 43.97V | 45.77V         | 44.14V | 46.95V         | 44.31V |
| Short-circuit Current (Isc)               | 11.00A         | 8.88A  | 11.08A         | 8.95A  | 11.16A         | 9.01A  | 11.24A         | 9.08A  | 11.32A         | 9.14A  |
| Module Efficiency STC (%)                 | 20.69%         |        | 20.96%         |        | 21.22%         |        | 21.48%         |        | 21.74%         |        |
| Operating Temperature(°C)                 | -40 C ~ +85 C  |        |                |        |                |        |                |        |                |        |
| Maximum System Voltage                    | 1000VDC (IEC)  |        |                |        |                |        |                |        |                |        |
| Maximum Series Fuse Rating                | 20A            |        |                |        |                |        |                |        |                |        |
| Power Tolerance                           | 0~+3%          |        |                |        |                |        |                |        |                |        |
| Temperature Coefficients of Pmax          | -0.34%/C       |        |                |        |                |        |                |        |                |        |
| Temperature Coefficients of Voc           | -0.28%/C       |        |                |        |                |        |                |        |                |        |
| Temperature Coefficients of Isc           | 0.048%/C       |        |                |        |                |        |                |        |                |        |
| Nominal Operating Cell Temperature (NOCT) | 45±2C          |        |                |        |                |        |                |        |                |        |

\*STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s