

Tiger N-Type 66TR 415 Watt

MONO-FACIAL MODULE

N-Type

IEC61215(2016), IEC61730(2016)

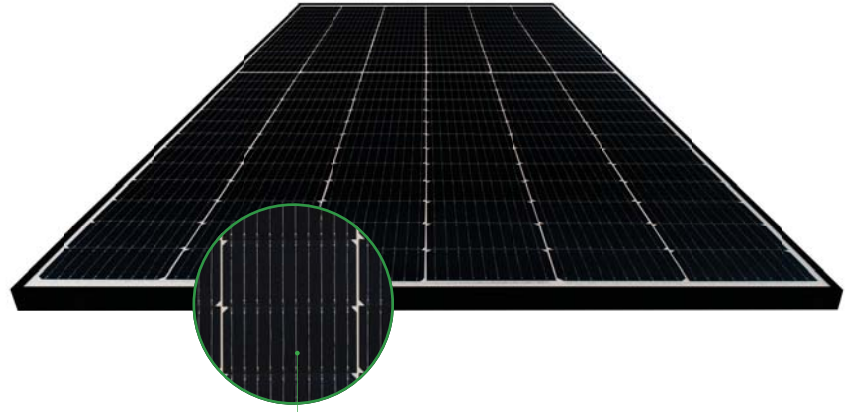
ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems

Made in China/ Malaysia/ U.S./Vietnam



Tiling Ribbon Technology

Key Features



Multi Busbar Technology

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



Hot 2.0 Technology

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



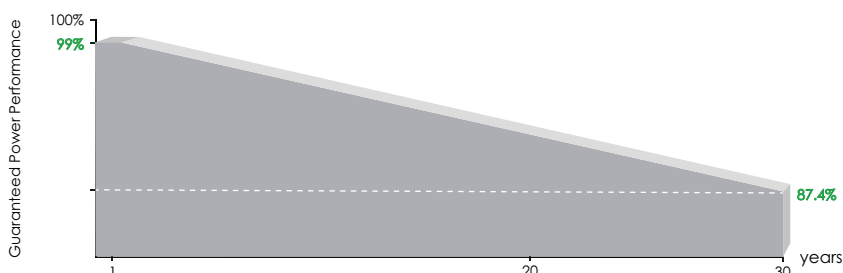
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY



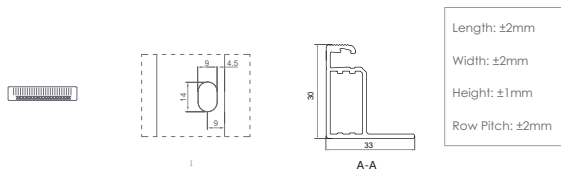
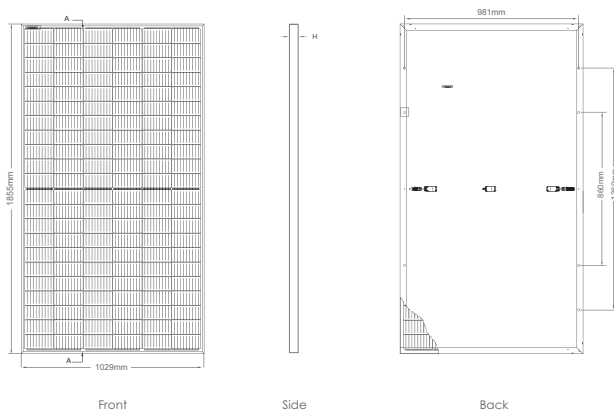
25 Year Product Warranty *

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

* The product warranty is only applicable in Australia.

Engineering Drawings



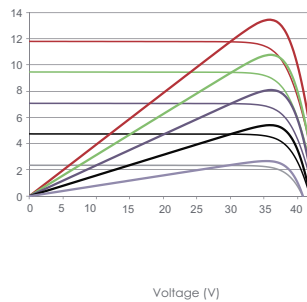
Packaging Configuration

(Two pallets = One stack)

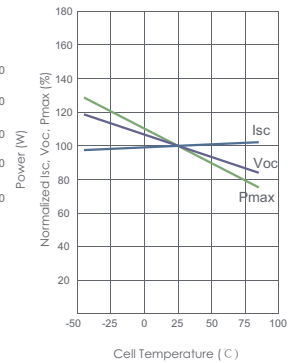
35pcs/pallets, 70pcs/stack, 910pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (400W)



Temperature Dependence of Isc, Voc, Pmax



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 ² (+): 290mm, (-): 145mm or Customized Length |
| Connector Type | Staubli MC4, MC4-EVO2; JK03M/2B, JK03M2/2B, Jinko PV material |
| Fire Class | Class C |

SPECIFICATIONS

Module Type

JKM415N-6RL3-V

| | STC | NOCT |
|---|---------------|--------|
| Maximum Power (Pmax) | 415Wp | 309Wp |
| Maximum Power Voltage (Vmp) | 36.79V | 33.89V |
| Maximum Power Current (Imp) | 11.28A | 9.13A |
| Open-circuit Voltage (Voc) | 46.77V | 44.14V |
| Short-circuit Current (Isc) | 12.06A | 9.74A |
| Module Efficiency STC (%) | 21.74% | |
| Operating Temperature(°C) | -40 C ~+85 C | |
| Maximum System Voltage | 1500VDC (IEC) | |
| Maximum Series Fuse Rating | 20A | |
| Power Tolerance | ±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±2 C | |

*STC: Irradiance 1000W/m² Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

*Power measurement tolerance: +/-3%