

Tiger N-Type 66TR 415 Watt

MONO-FACIAL MODULE

N-Type

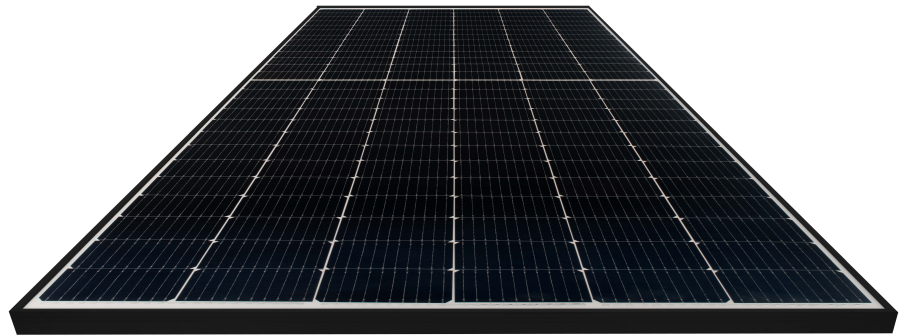
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management
(Made in China/Malaysia/Vietnam/U.S)



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.



PID Resistance

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



Enhanced Mechanical Load

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



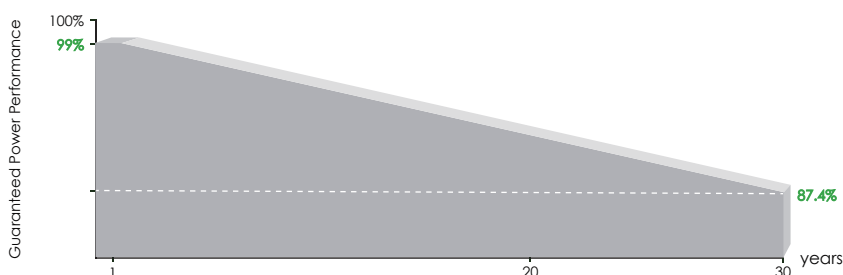
Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY



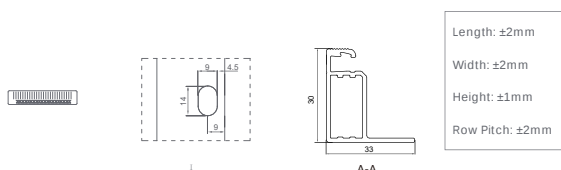
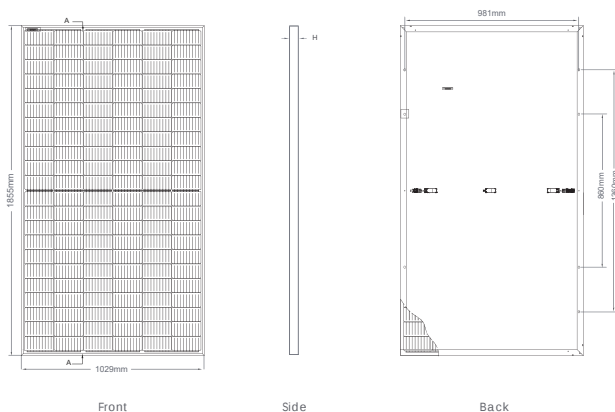
25 Year Product Warranty *

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

* The product warranty is only applicable in Australia.

Engineering Drawings



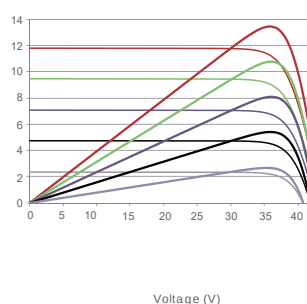
Packaging Configuration

(Two pallets = One stack)

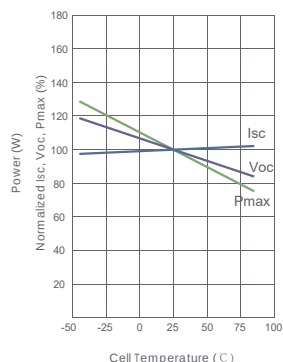
35pcs/pallets, 70pcs/stack, 840pcs/40'HQ Container

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' (+): 290mm, (-): 145mm or Customized Length
Connector Type	JK03M/1B or Genuine MC4
Fire Class	Class C

SPECIFICATIONS

Module Type	JKM415N-6RL3 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	1000/1500VDC (IEC)
Maximum Series Fuse Rating	20A
Power Measurement 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

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

AM=1.5

AM=1.5

Wind Speed 1m/s