

# Tiger N-Type 66TR

## 410-415 Watt

### MONO-FACIAL ALL BLACK

#### N-Type

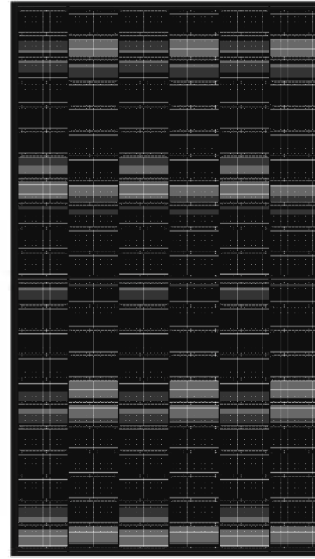
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

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



## 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.



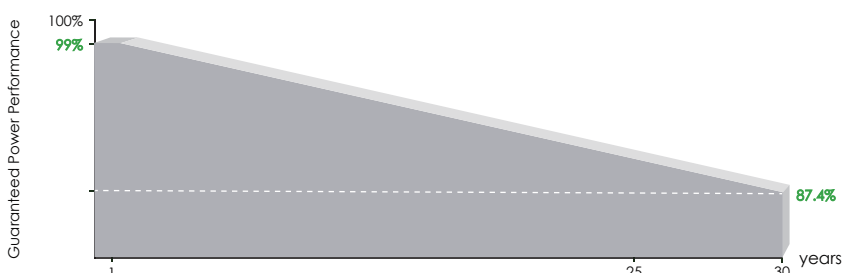
#### Enhanced Mechanical Load

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



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

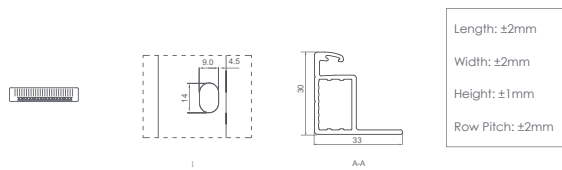
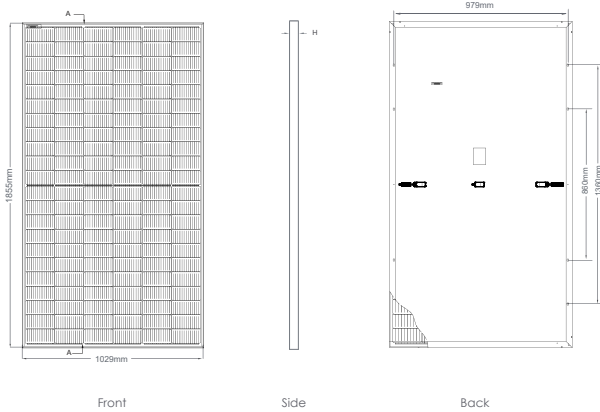


**25** Year Product Warranty

**30** Year Linear Power Warranty

**0.4%** Annual Degradation Over 30 years

## Engineering Drawings

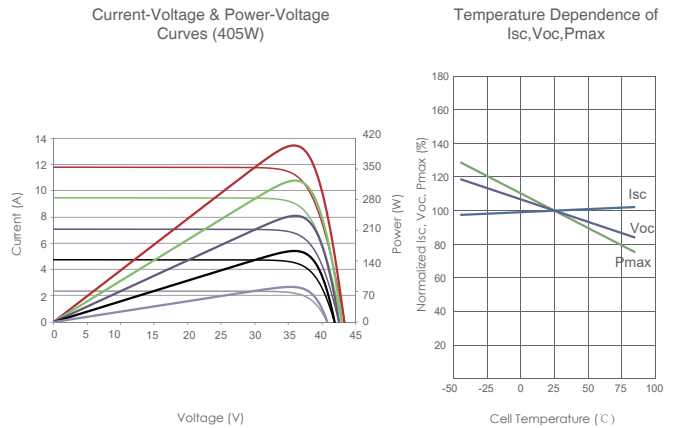


## Packaging Configuration

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

## SPECIFICATIONS

Module Type	JKM410N-6RL3-B		JKM415N-6RL3-B	
	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	410Wp	306Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	38.46V	35.71V	38.64V	35.85V
Maximum Power Current (Imp)	10.66A	8.56A	10.74A	8.63A
Open-circuit Voltage (Voc)	45.77V	44.14V	46.95V	44.31V
Short-circuit Current (Isc)	11.24A	9.08A	11.32A	9.14A
Module Efficiency STC (%)	21.48%		21.74%	
Operating Temperature(°C)	-40 C ~+85 C			
Maximum System Voltage	1000VDC (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±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