

# Tiger N-Type 66TR

## 400-420 Watt

### MONO-FACIAL MODULE

#### N-Type

Positive power tolerance of 0~+3%

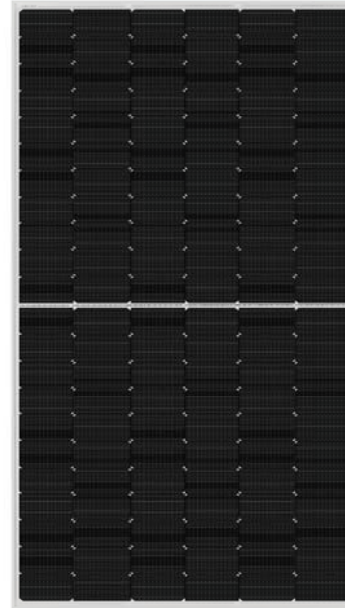
IEC61215(2016), IEC61730(2016)

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.



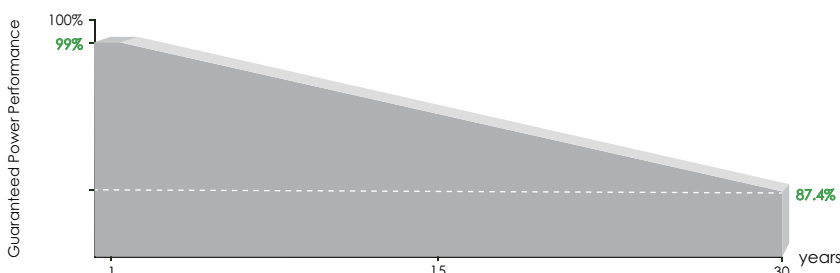
#### Enhanced Mechanical Load

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



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

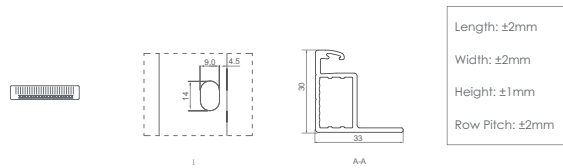
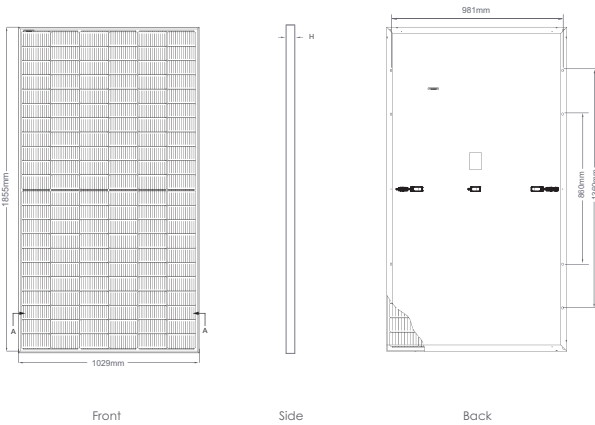


**15** Year Product Warranty

**30** Year Linear Power Warranty

**0.4%** Annual Degradation Over 30 years

## Engineering Drawings

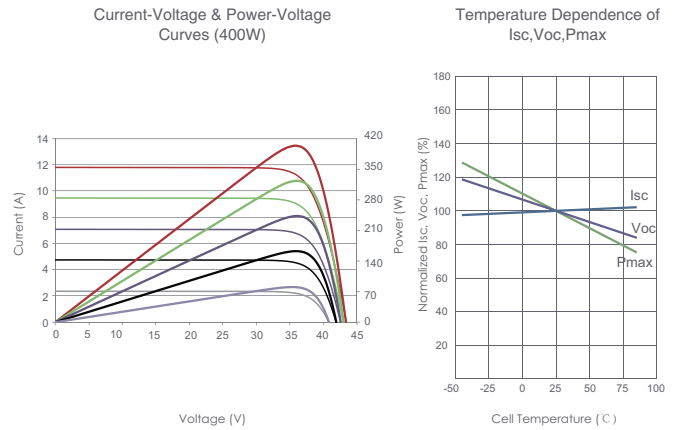


## Packaging Configuration

( 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

## SPECIFICATIONS

Module Type	JKM400N-6RL3		JKM405N-6RL3		JKM410N-6RL3		JKM415N-6RL3		JKM420N-6RL3	
	JKM400N-6RL3-V	JKM405N-6RL3-V	JKM410N-6RL3-V	JKM415N-6RL3-V	JKM420N-6RL3-V	JKM400N-6RL3-V	JKM405N-6RL3-V	JKM410N-6RL3-V	JKM415N-6RL3-V	JKM420N-6RL3-V
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	400Wp	298Wp	405Wp	302Wp	410Wp	306Wp	415Wp	309Wp	420Wp	313Wp
Maximum Power Voltage (Vmp)	36.33V	33.59V	36.48V	33.70V	36.64V	33.78V	36.79V	33.89V	36.94V	33.96V
Maximum Power Current (Imp)	11.01A	8.88A	11.10A	8.96A	11.19A	9.05A	11.28A	9.13A	11.37A	9.22A
Open-circuit Voltage (Voc)	46.05V	43.47V	46.30V	43.70V	46.55V	43.94V	46.77V	44.14V	47.00V	44.36V
Short-circuit Current (Isc)	11.73A	9.47A	11.84A	9.56A	11.95A	9.65A	12.06A	9.74A	12.17A	9.83A
Module Efficiency STC (%)	20.96%		21.22%		21.48%		21.74%		22.00%	
Operating Temperature(°C)	-40 C ~+85 C									
Maximum System Voltage	1000/1500VDC (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±2 C									

\*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