

# Tiger N-Type 60TR 345-365 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



Tiling Ribbon Technology

## Key Features



### Multi Busbar Technology

MBB solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance.



### 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).



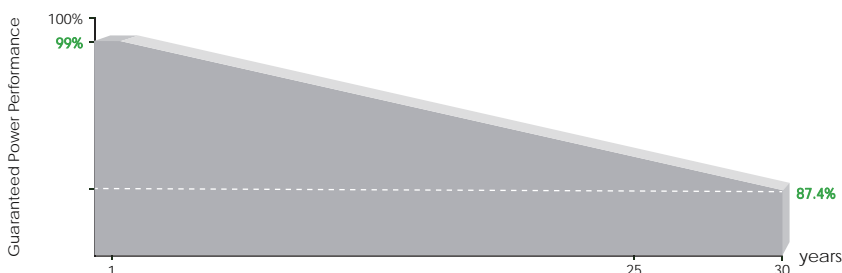
### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



POSITIVE QUALITY™  
Continuous Quality Assurance

## LINEAR PERFORMANCE WARRANTY

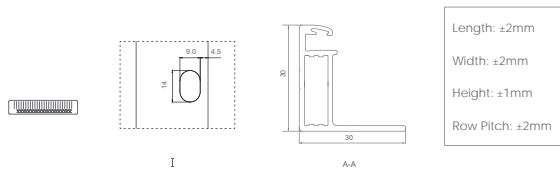
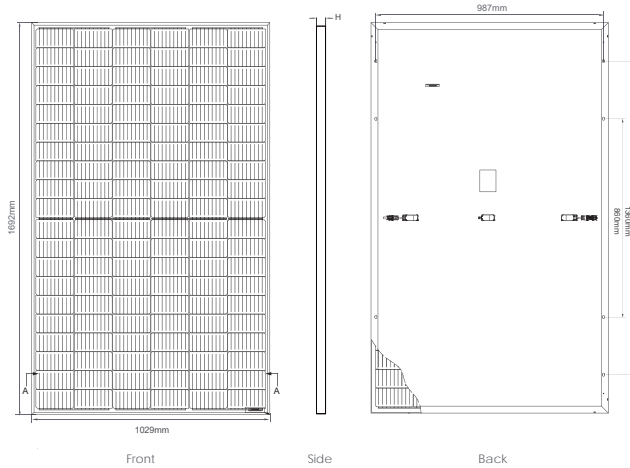


25 Year Product Warranty

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

## Engineering Drawings

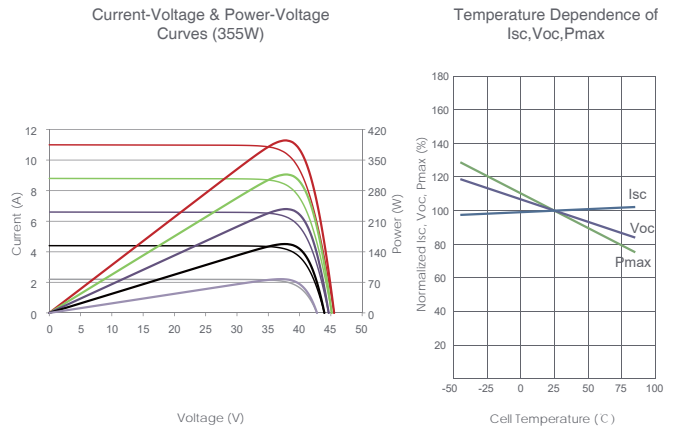


## Packaging Configuration

(Two pallets = One stack)

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

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	120 (6×20)
Dimensions	1692×1029×30mm (66.61×40.51×1.18 inch)
Weight	19.0kg (41.89 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	JKM345N-6TL3-B		JKM350N-6TL3-B		JKM355N-6TL3-B		JKM360N-6TL3-B		JKM365N-6TL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	345Wp	257Wp	350Wp	261Wp	355Wp	265Wp	360Wp	268Wp	365Wp	272Wp
Maximum Power Voltage (Vmp)	33.93V	31.41V	34.12V	31.56V	34.30V	31.74V	34.49V	31.88V	34.67V	32.02V
Maximum Power Current (Imp)	10.17A	8.19A	10.26A	8.27A	10.35A	8.34A	10.44A	8.42A	10.53A	8.50A
Open-circuit Voltage (Voc)	40.85V	38.56V	41.04V	38.74V	41.22V	38.91V	41.41V	39.08V	41.59V	39.25V
Short-circuit Current (Isc)	10.75A	8.68A	10.84A	8.76A	10.93A	8.83A	11.02A	8.90A	11.11A	8.97A
Module Efficiency STC (%)	19.82%		20.10%		20.39%		20.68%		20.96%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	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