

# Tiger 66TR

## 395 -415 Watt

### MONO-FACIAL MODULE

#### P-Type

Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

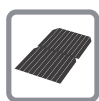
Occupational health and safety management systems

Made in China/ Malaysia/ U.S/Vietnam



Tiling Ribbon (TR) Technology

## Key Features



#### TR technology + Half Cell

TR technology with Half cell aims to eliminate the cell gap to increase module efficiency (mono-facial up to 21.48%)



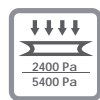
#### Best Warranty

12 year product warranty,  
25 year linear power warranty



#### 9BB instead of 5BB

9BB technology decreases the distance between bus bars and finger grid line which is benefit to power increase.



#### Enhanced Mechanical Load

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



#### Higher lifetime Power Yield

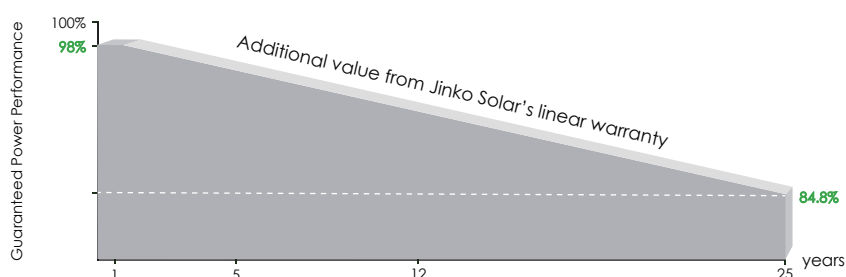
2% first year degradation,  
0.55% linear degradation



#### Avoid debris, cracks and broken gate risk effectively

9BB technology using circular ribbon that could avoid debris, cracks and broken gate risk effectively

## LINEAR PERFORMANCE WARRANTY

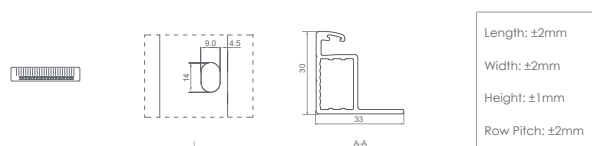
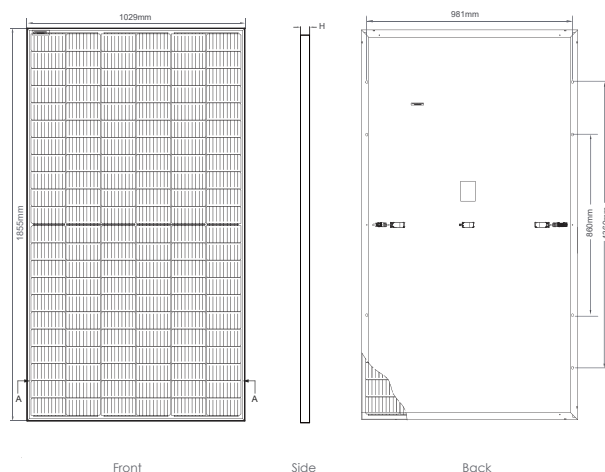


**12** Year Product Warranty

**25** Year Linear Power Warranty

**0.55%** Annual Degradation Over 25 years

## Engineering Drawings

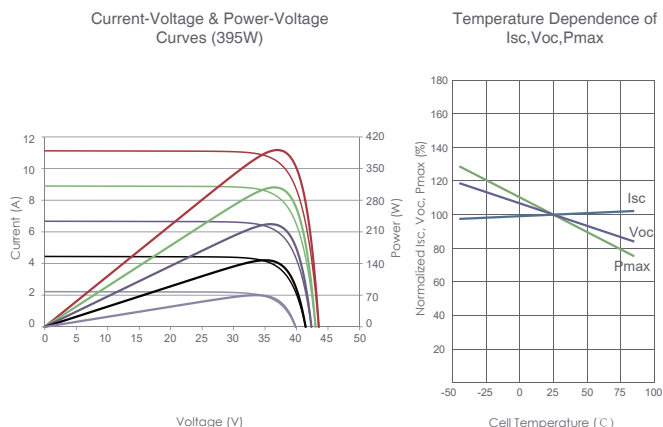


## Packaging Configuration

(Two pallets = One stack)

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

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	P 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	Staubli MC4, MC4-EVO2; JK03M/1B, JK03M2/1B, Jinko PV material
Fire rating	Class C

## SPECIFICATIONS

Module Type	JKM395M-6RL3		JKM400M-6RL3		JKM405M-6RL3		JKM410M-6RL3		JKM415M-6RL3	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395Wp	294Wp	400Wp	298Wp	405Wp	301Wp	410Wp	305Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	36.58V	33.82V	36.67V	33.86V	36.76V	33.97V	36.84V	34.04V	36.92V	34.15V
Maximum Power Current (Imp)	10.80A	8.69A	10.91A	8.79A	11.02A	8.87A	11.13A	8.96A	11.24A	9.04A
Open-circuit Voltage (Voc)	43.93V	41.47V	44.12V	41.64V	44.20V	41.72V	44.29V	41.80V	44.37V	41.88V
Short-circuit Current (Isc)	11.48A	9.27A	11.57A	9.34A	11.68A	9.43A	11.79A	9.52A	11.90A	9.61A
Module Efficiency STC (%)	20.69%		20.96%		21.22%		21.48%		21.74%	
Operating Temperature(°C)	-40 °C ~+85 °C									
Maximum System Voltage	1000VDC (IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.35%/ °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

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C

AM=1.5

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Wind Speed 1m/s

\*Power measurement tolerance: +/-3%