

# Tiger Mono-facial All Black

## 385-405 Watt

Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+5W

ISO9001:2015, ISO14001:2015, ISO45001:2018  
certified factory

IEC61215, IEC61730 certified product

(Made in China/Malaysia/U.S./Vietnam)

N-Type



### 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 19.91%).



#### Low Light Induced Degradation

The N-type cell shows extremely low light induced degradation (LID) performance when comparing with the P-type cell.



#### 9BB instead of 5BB

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



#### Higher lifetime Power Yield

1% first year degradation,  
0.4% linear degradation



#### Best Warranty

25 year product warranty,  
30 year linear power warranty



#### Better low-light performance

Excellent performance in low-light environments  
(e.g. early morning, dusk, and cloud, etc.)

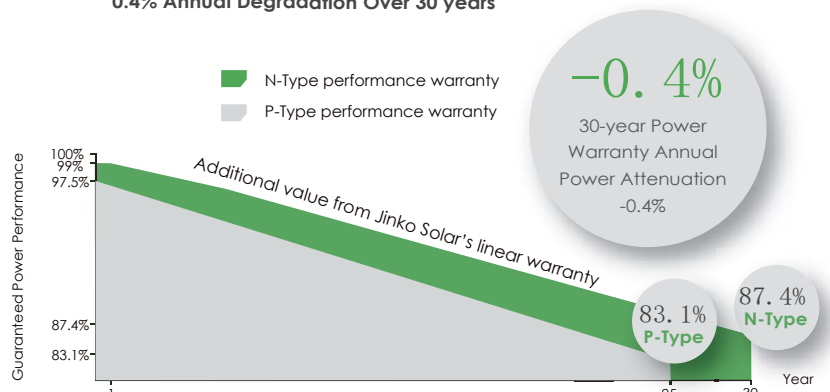


#### Severe Weather Resilience

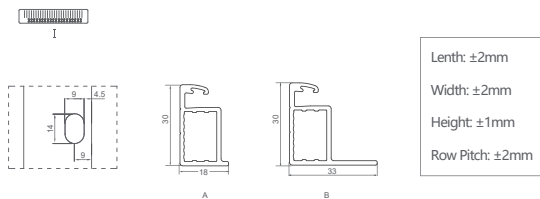
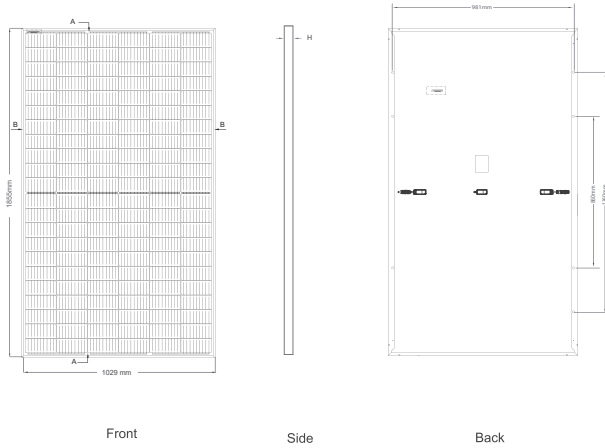
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

### LINEAR PERFORMANCE WARRANTY

25 Year Product Warranty 30 Year Linear Power Warranty  
0.4% Annual Degradation Over 30 years



## Engineering Drawings

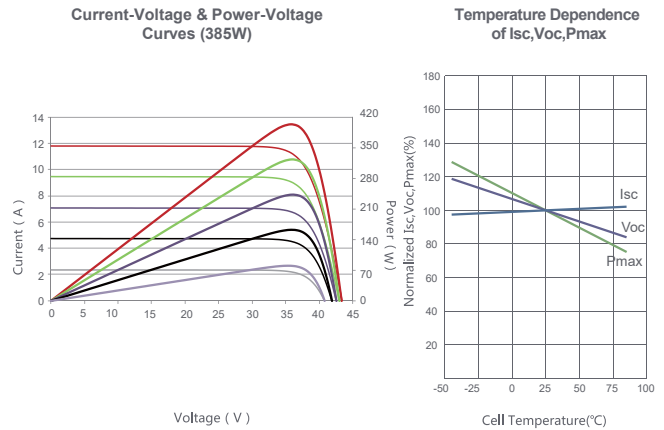


## Packaging Configuration

( Two pallets = One stack )

35pcs/pallets, 70pcs/stack, 840pcs/ 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	20.8 kg (45.86 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm <sup>2</sup> (+): 290mm, (-): 145 mm or Customized Length
Connector	JK03M/1B, Genuine MC4
Fire rating	Class C

## SPECIFICATIONS

Module Type

	JKM385N-6RL3-B		JKM390N-6RL3-B		JKM395N-6RL3-B		JKM400N-6RL3-B		JKM405N-6RL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	385Wp	287Wp	390Wp	291Wp	395Wp	295Wp	400Wp	298Wp	405Wp	302Wp
Maximum Power Voltage (Vmp)	37.13V	34.25V	37.25V	34.37V	37.37V	34.49V	37.49V	34.60V	37.61V	34.71V
Maximum Power Current (Imp)	10.37A	8.38A	10.47A	8.46A	10.57A	8.54A	10.67A	8.62A	10.77A	8.70A
Open-circuit Voltage (Voc)	44.37V	41.88V	44.49V	41.99V	44.61V	42.10V	44.72V	42.21V	44.84V	42.32V
Short-circuit Current (Isc)	11.07A	8.94A	11.17A	9.02A	11.27A	9.10A	11.37A	9.18A	11.47A	9.26A
Module Efficiency STC (%)	20.17%		20.43%		20.69%		20.96%		21.22%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+5w									
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

\* Power measurement tolerance: ± 3%