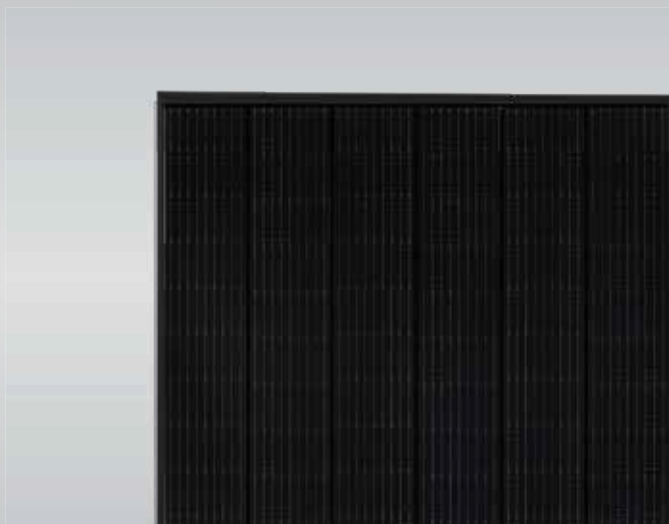


# Tiger Mono-facial All Black 370-390 Watt

Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+3%



## 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 20.74%)



### 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

2.5% first year degradation,  
0.6% linear degradation



### Best Warranty

12 year product warranty,  
25 year linear power warranty



### Reduce Hot-spot issues

TR technology reduced the cell current in both bus bars and finger grid line to reduce hot-spot issues



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

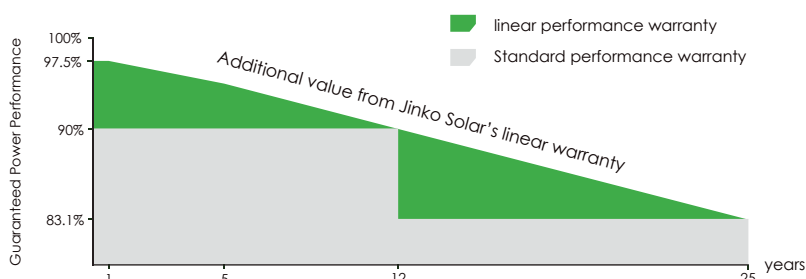
9BB technology using circular ribbon that could avoid debris, cracks and broken gate risk effectively



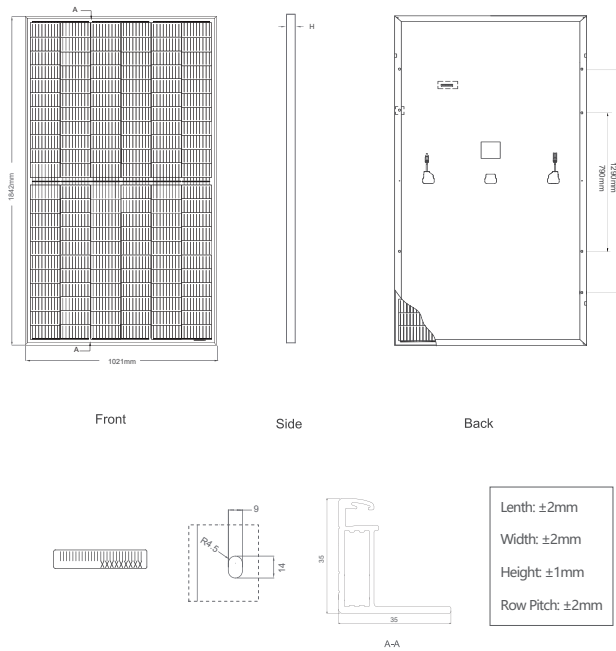
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730 certified product

## LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty 25 Year Linear Power Warranty  
0.6% Annual Degradation Over 25 years



## Engineering Drawings

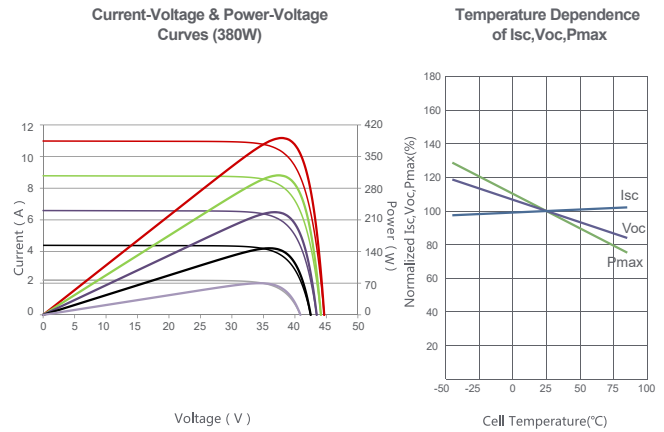


## Packaging Configuration

( Two pallets = One stack )

31pcs/pallets, 62pcs/stack, 744pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	132 (2×66)
Dimensions	1842×1021×35mm (72.52×40.20×1.37 inch)
Weight	21.6 kg (47.6 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

## SPECIFICATIONS

Module Type	JKM370M-6RL3-B		JKM375M-6RL3-B		JKM380M-6RL3-B		JKM385M-6RL3-B		JKM390M-6RL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	370Wp	275Wp	375Wp	278Wp	380Wp	282Wp	385Wp	286Wp	390Wp	290Wp
Maximum Power Voltage (Vmp)	36.75V	34.21V	36.88V	34.33V	37.01V	34.45V	37.13V	34.60V	37.25V	34.72V
Maximum Power Current (Imp)	10.07A	8.03A	10.17A	8.11A	10.27A	8.19A	10.37A	8.26A	10.47A	8.34A
Open-circuit Voltage (Voc)	44.26V	41.69V	44.36V	41.78V	44.46V	41.88V	44.56V	41.97V	44.66V	42.06V
Short-circuit Current (Isc)	10.58A	8.55A	10.68A	8.63A	10.78A	8.71A	10.88A	8.79A	10.98A	8.87A
Module Efficiency STC (%)	19.67%		19.94%		20.21%		20.47%		20.74%	
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					-0.29%/°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%

The company reserves the final right for explanation on any of the information presented hereby. Tiger JKM370-390M-6RL3-B-D3-EN