

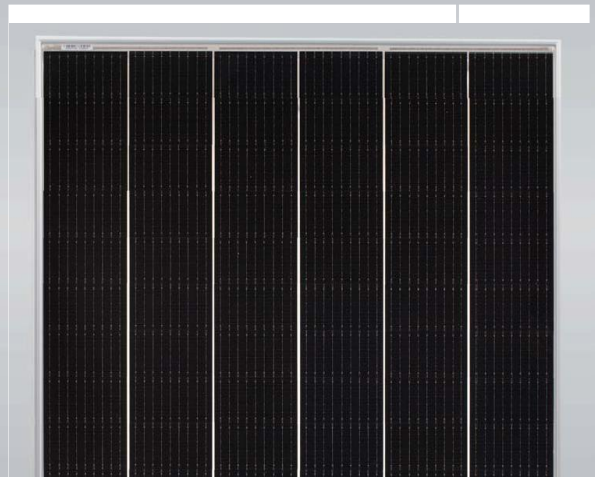
# Tiger Mono-facial 395-410 Watt

Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+3%

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

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 21.74%)



### 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

15 year product warranty,  
30 year linear power warranty



### Better low-light performance

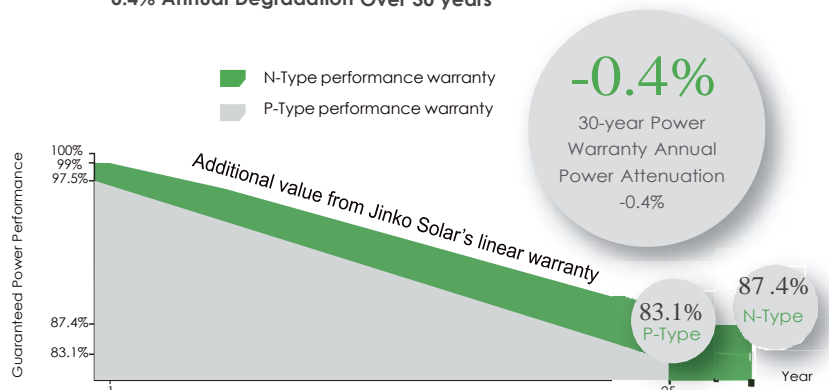
Excellent performance in low-light environments (e.g. early morning, dusk, and cloud, etc.)



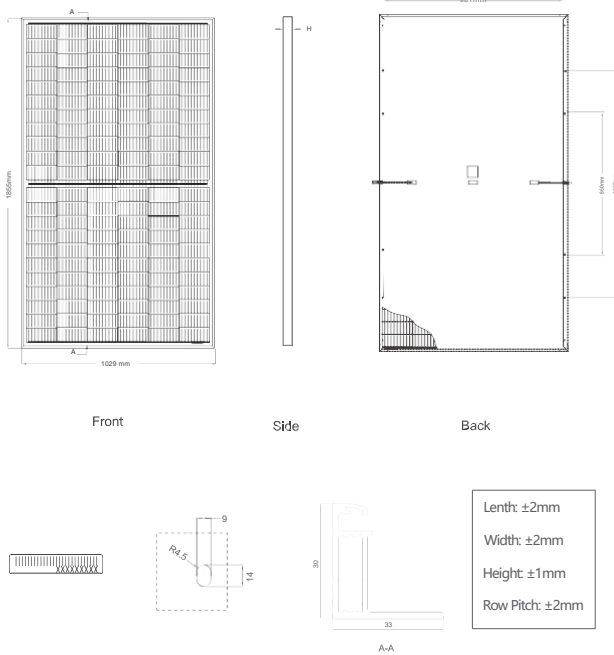
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730 certified product

## LINEAR PERFORMANCE WARRANTY

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



## Engineering Drawings

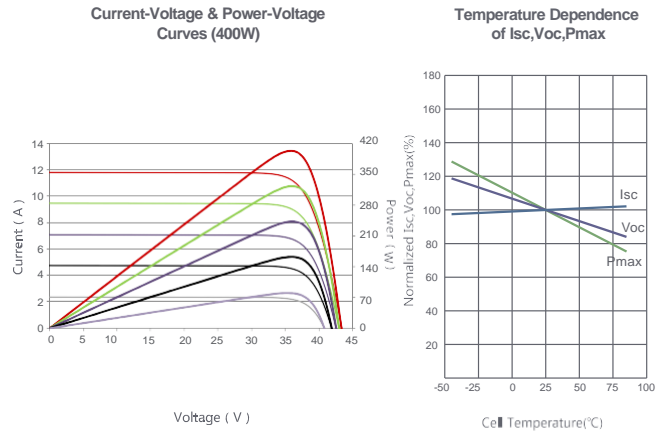


## Packaging Configuration

(Two pallets = One stack)

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
Fire Rating	Class C
Connector	Staubli MC4, MC4-EVO2 ; JK03M/2B, JK03M2/2B, Jinko PV material

## SPECIFICATIONS

Module Type	JKM395N-6RL3-V		JKM400N-6RL3-V		JKM405N-6RL3-V		JKM410N-6RL3-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395Wp	295Wp	400Wp	298Wp	405Wp	302Wp	410Wp	306Wp
Maximum Power Voltage (Vmp)	36.18V	33.51V	36.24V	33.59V	36.33V	33.70V	36.42V	33.78V
Maximum Power Current (Imp)	10.92A	8.79A	11.04A	8.88A	11.15A	8.96A	11.26A	9.05A
Open-circuit Voltage (Voc)	45.07V	42.54V	45.25V	42.71V	45.44V	42.89V	45.62V	43.06V
Short-circuit Current (Isc)	11.63A	9.39A	11.73A	9.47A	11.84A	9.56A	11.95A	9.65A
Module Efficiency STC (%)	20.69%		20.96%		21.22%		21.48%	
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

\* Power measurement tolerance: ± 3%