

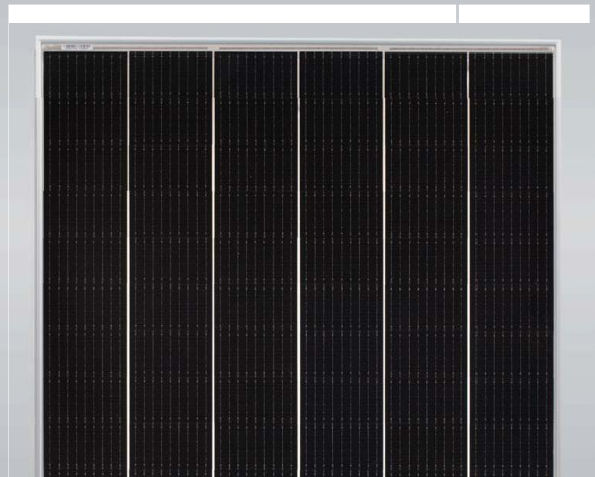
Tiger Mono-facial 395-415 Watt

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

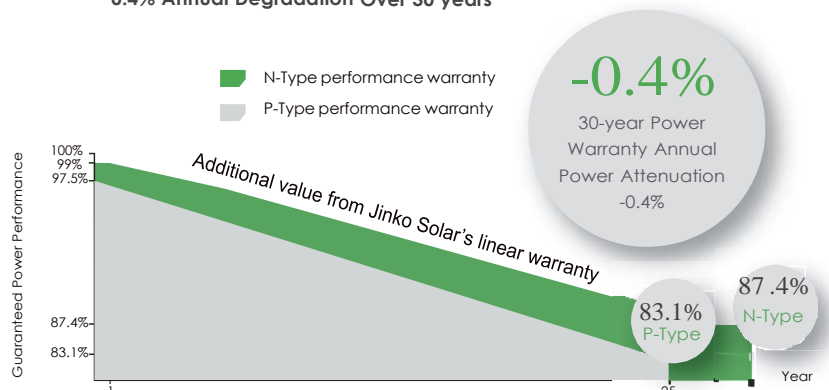
Excellent performance in low-light environments (e.g. early morning, dusk, and cloud, etc.)



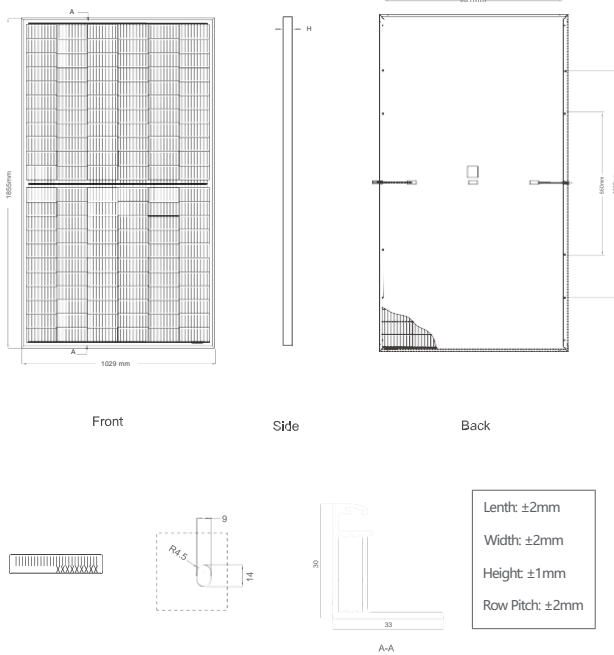
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730 certified product

LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

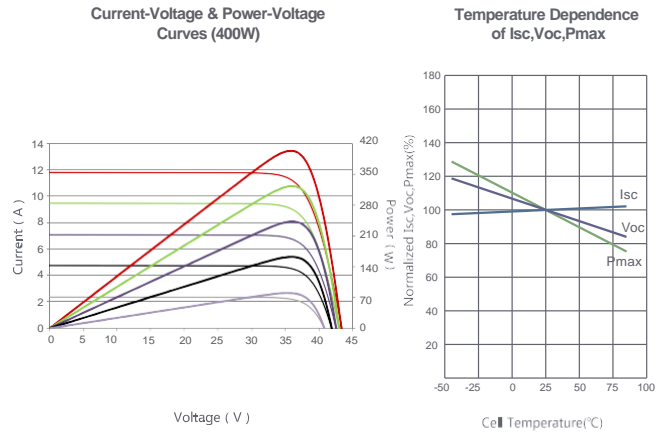


Packaging Configuration

(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 ² (+): 290mm, (-): 145 mm or Customized Length
Fire Rating	Class C
Connector	Staubli MC4, MC4-EVO2 ; JK03M/1B, JK03M2/1B, Jinko PV material

SPECIFICATIONS

Module Type	JKM395N-6RL3		JKM400N-6RL3		JKM405N-6RL3		JKM410N-6RL3		JKM415N-6RL3	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395Wp	295Wp	400Wp	298Wp	405Wp	302Wp	410Wp	306Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	36.18V	33.51V	36.24V	33.59V	36.33V	33.70V	36.42V	33.78V	36.50V	33.89V
Maximum Power Current (Imp)	10.92A	8.79A	11.04A	8.88A	11.15A	8.96A	11.26A	9.05A	11.37A	9.13A
Open-circuit Voltage (Voc)	45.07V	42.54V	45.25V	42.71V	45.44V	42.89V	45.62V	43.06V	45.81V	43.25V
Short-circuit Current (Isc)	11.63A	9.39A	11.73A	9.47A	11.84A	9.56A	11.95A	9.65A	12.06A	9.74A
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	-0.34%/°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/m² Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%