

Tiger Mono-facial 385-405 Watt

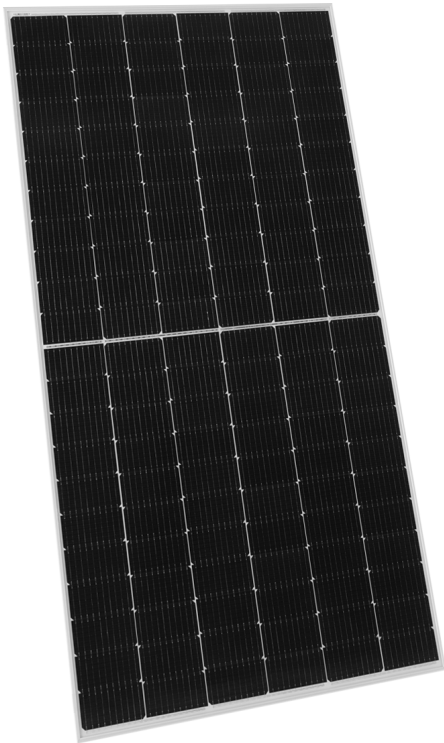
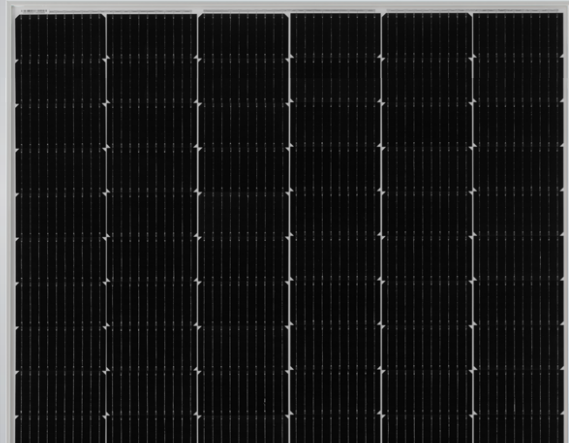
Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+3%

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

IEC61215, IEC61730 certified product

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 21.22%).



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.)

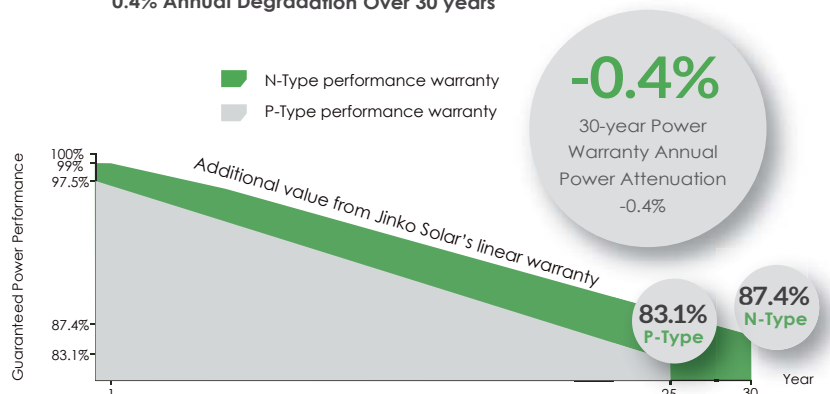


Severe Weather Resilience

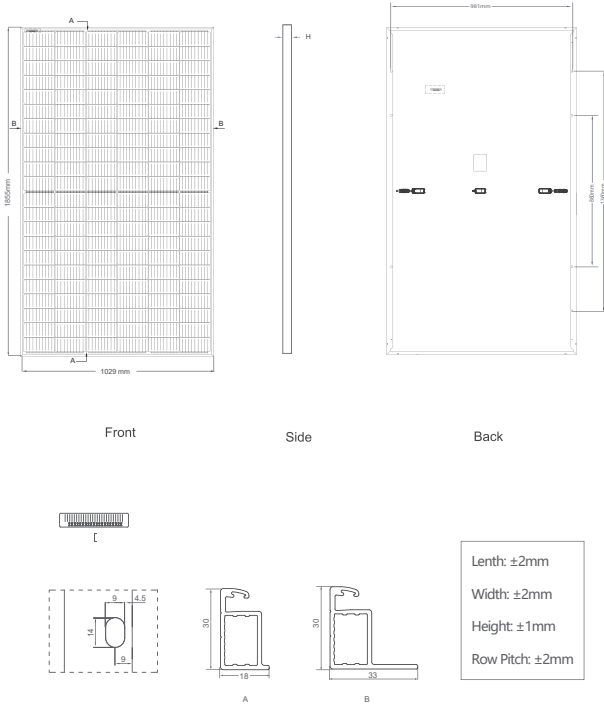
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

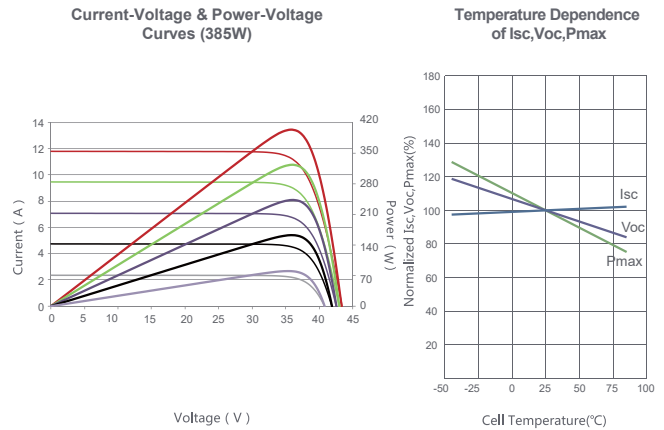


Packaging Configuration

(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

SPECIFICATIONS

Module Type	JKM385N-6RL3		JKM390N-6RL3		JKM395N-6RL3		JKM400N-6RL3		JKM405N-6RL3	
	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)	36.05V	33.26V	36.11V	33.39V	36.18V	33.51V	36.24V	33.59V	36.33V	33.70V
Maximum Power Current (Imp)	10.68A	8.63A	10.80A	8.71A	10.92A	8.79A	11.04A	8.88A	11.15A	8.96A
Open-circuit Voltage (Voc)	43.66V	41.21V	43.75V	41.29V	43.92V	41.45V	44.08V	41.61V	44.17V	41.69V
Short-circuit Current (Isc)	11.43A	9.23A	11.53A	9.31A	11.63A	9.39A	11.73A	9.47A	11.84A	9.56A
Module Efficiency STC (%)	20.17%		20.43%		20.69%		20.96%		21.22%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (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/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%