

Tiger Mono-facial All Black

360-380 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 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.)



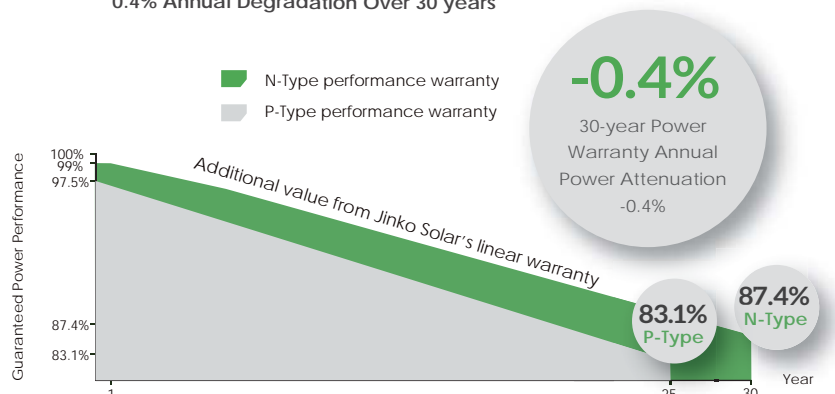
Severe Weather Resilience

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

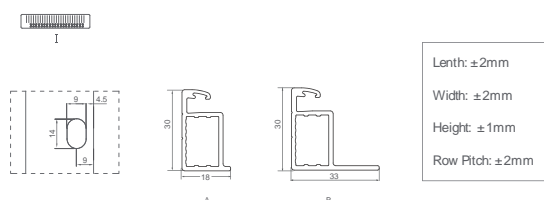
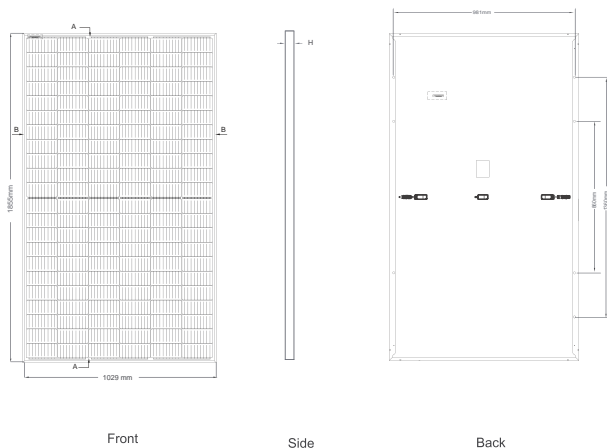


LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings



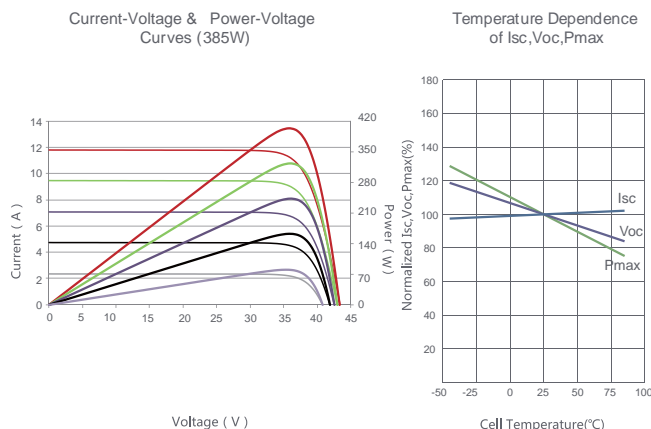
Length: ± 2 mm
 Width: ± 2 mm
 Height: ± 1 mm
 Row Pitch: ± 2 mm

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 (2x66)
Dimensions	1855x1029x30mm (73.03x40.51x1.18 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 Cable	TUV 1x4.0mm ² (+): 290mm, (-): 145mm or Customized Length

SPECIFICATIONS

Module Type

	JKM360N-6RL3-B		JKM365N-6RL3-B		JKM370N-6RL3-B		JKM375N-6RL3-B		JKM380N-6RL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max})	360Wp	268Wp	365Wp	272Wp	370Wp	276Wp	375Wp	280Wp	380Wp	283Wp
Maximum Power Voltage (V _{mp})	36.66V	33.72V	36.76V	33.81V	36.86V	33.93V	36.95V	34.04V	37.04V	34.14V
Maximum Power Current (I _{mp})	9.82A	7.96A	9.93A	8.05A	10.04A	8.13A	10.15A	8.22A	10.26A	8.30A
Open-circuit Voltage (V _{oc})	43.90V	41.44V	43.99V	41.52V	44.09V	41.61V	44.18V	41.70V	44.28V	41.79V
Short-circuit Current (I _{sc})	10.52A	8.50A	10.63A	8.59A	10.74A	8.67A	10.85A	8.76A	10.96A	8.85A
Module Efficiency STC (%)	18.86%		19.12%		19.38%		19.65%		19.91%	
Operating Temperature (K)	-40 ~ +85									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficient of P _{max}	-0.34%/°C									
Temperature coefficient of V _{oc}	-0.28%/°C									
Temperature coefficient of I _{sc}	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2									

* 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: $\pm 3\%$