JinKO Solar

Building **Your Trust** in Solar

Tiger Mono-facial
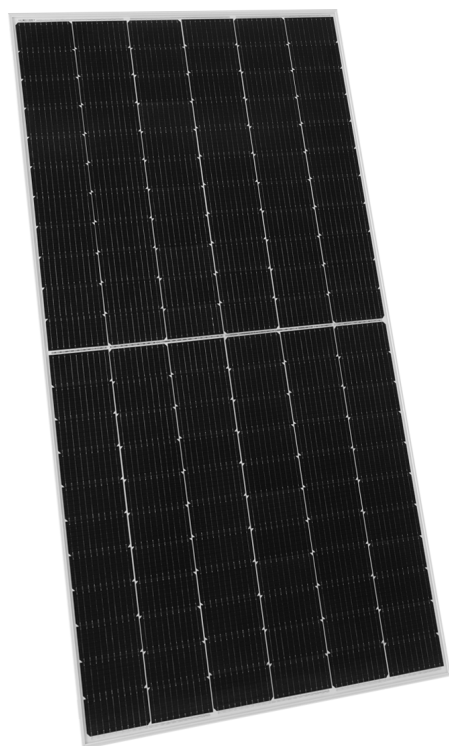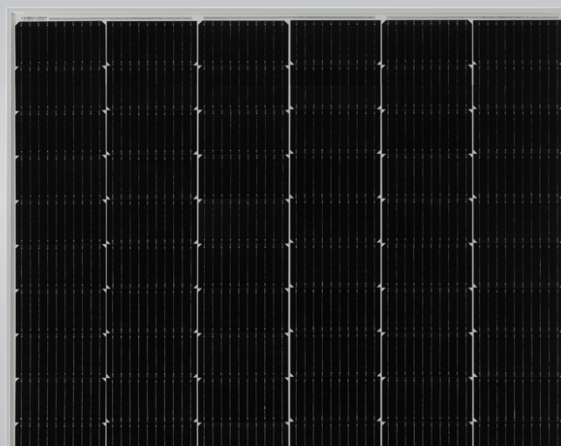## *385-405 Watt*

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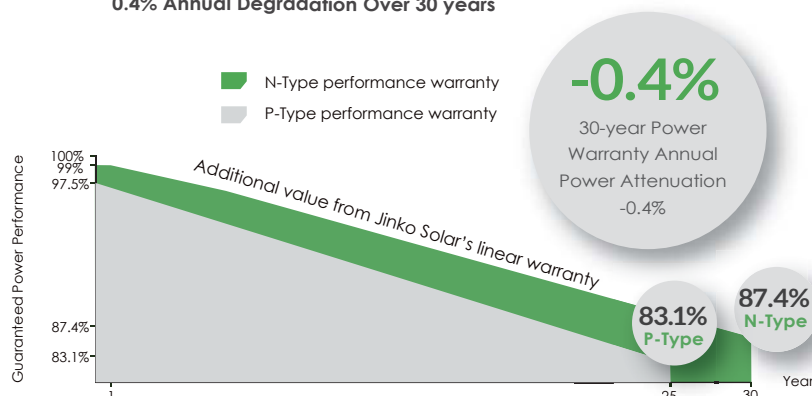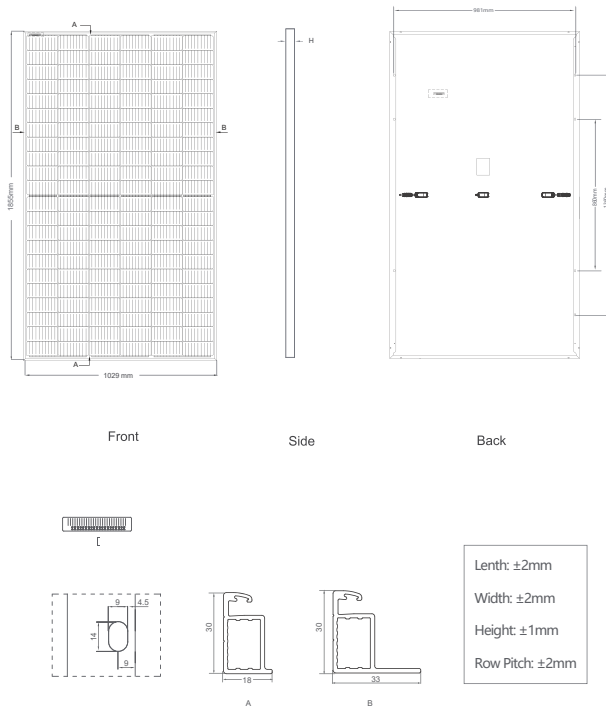
Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

PV CYCLE

TÜVRheinland CERTIFIED

CE

POSITIVE QUALITY™
Continuous Quality Assurance

CLEAN ENERGY COUNCIL MEMBER

LINEAR PERFORMANCE WARRANTY

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

- N-Type performance warranty
- P-Type performance warranty

-0.4%
30-year Power Warranty Annual Power Attenuation -0.4%

Additional value from Jinko Solar's linear warranty

Guaranteed Power Performance

100%
99%
97.5%

87.4%
83.1%

83.1% P-Type

87.4% N-Type

1   25   30   Year

Engineering Drawings

Front

Side

Back

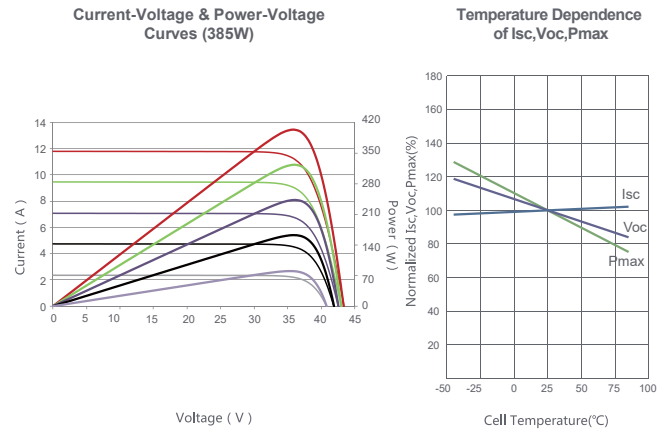Lenth: ±2mm

Width: ±2mm

Height: ±1mm

Row Pitch: ±2mm

Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 840pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (385W)

Voltage (V)

Temperature Dependence of Isc,Voc,Pmax

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 1×4.0mm² (+): 290mm , (-): 145 mm or Customized Length

SPECIFICATIONS

Module Type	JKM385N-6RL3 JKM385N-6RL3-V		JKM390N-6RL3 JKM390N-6RL3-V		JKM395N-6RL3 JKM395N-6RL3-V		JKM400N-6RL3 JKM400N-6RL3-V		JKM405N-6RL3 JKM405N-6RL3-V	
	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)	44.69V	42.18V	44.88V	42.36V	45.07V	42.54V	45.25V	42.71V	45.44V	42.89V
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(℃)	-40℃~+85℃									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.34%/℃									
Temperature coefficients of Voc	-0.28%/℃									
Temperature coefficients of Isc	0.048%/℃									
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: ± 3%