

Tiger Mono-facial

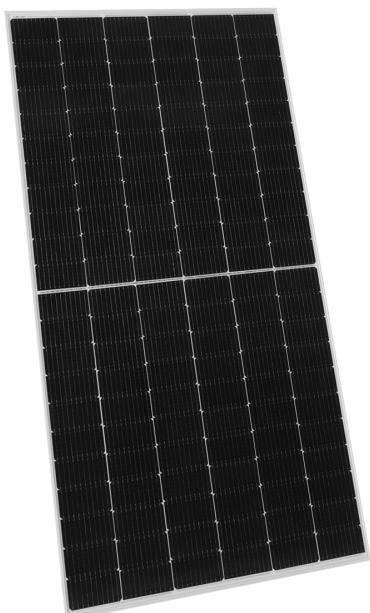
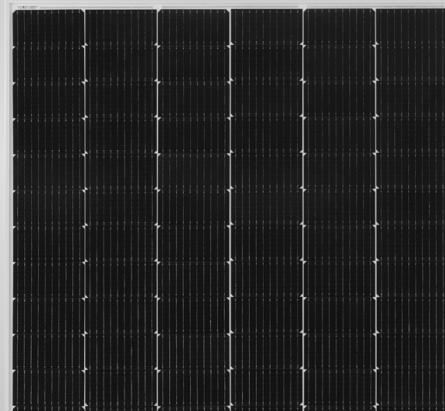
385-405 Watt

Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+3%

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

IEC61215, IEC61730 certified product



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%)



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

2% first year degradation,
0.55% linear degradation



Best Warranty

12 year product warranty,
25 year linear power warranty



Avoid debris, cracks and broken gate risk effectively

9BB technology using circular ribbon that could avoid debris, cracks and broken gate risk effectively

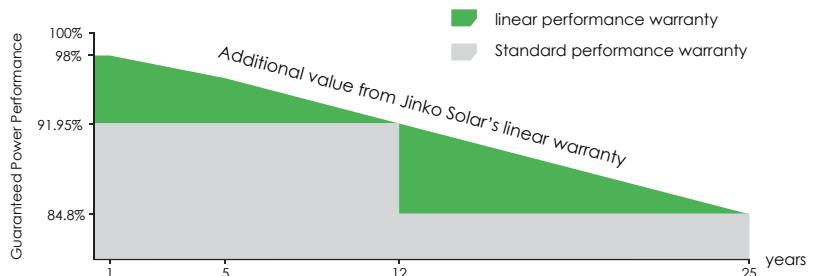


Severe Weather Resilience

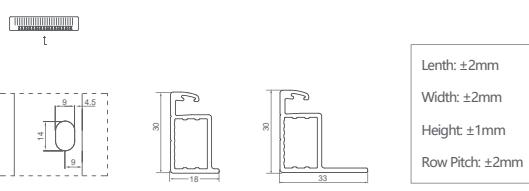
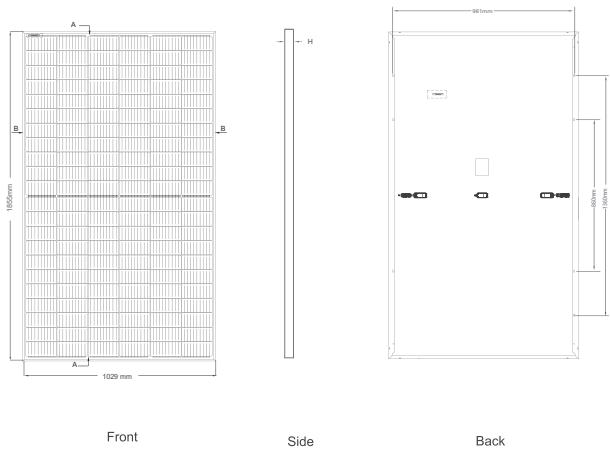
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty 25 Year Linear Power Warranty
0.55% Annual Degradation Over 25 years



Engineering Drawings



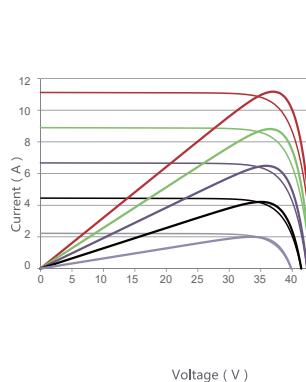
Packaging Configuration

(Two pallets = One stack)

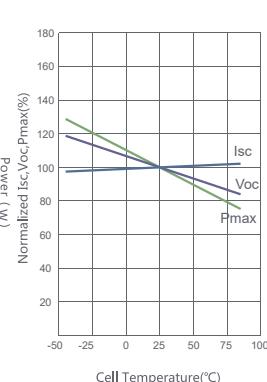
35pcs/pallets, 70pcs/stack, 840pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (395W)



Temperature Dependence of Isc,Voc,Pmax



Mechanical Characteristics

Cell Type	P 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 Cables	TUV 1x4.0mm ² (+): 290mm, (-): 145 mm or Customized Length	

SPECIFICATIONS

Module Type	JKM385M-6RL3		JKM390M-6RL3		JKM395M-6RL3		JKM400M-6RL3		JKM405M-6RL3									
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT								
Maximum Power (Pmax)	385Wp	286Wp	390Wp	290Wp	395Wp	294Wp	400Wp	298Wp	405Wp	301Wp								
Maximum Power Voltage (Vmp)	36.39V	33.50V	36.49V	33.66V	36.58V	33.82V	36.67V	33.86V	36.76V	33.97V								
Maximum Power Current (Imp)	10.58A	8.55A	10.69A	8.62A	10.80A	8.69A	10.91A	8.79A	11.02A	8.87A								
Open-circuit Voltage (Voc)	43.66V	41.21V	43.75V	41.29V	43.93V	41.47V	44.12V	41.64V	44.20V	41.72V								
Short-circuit Current (Isc)	11.30A	9.13A	11.39A	9.20A	11.48A	9.27A	11.57A	9.34A	11.68A	9.43A								
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	-0.35%/°C																	
Temperature coefficients of Voc	-0.28%/°C																	
Temperature coefficients of Isc	0.048%/°C																	
Nominal operating cell temperature (NOCT)	45±2°C																	

* STC: ☀️ Cell Temperature 25°C

AM=1.5

NOCT: ☀️ Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%