

Tiger N-type Mono-facial 370-390 Watt

Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+3%

N-Type



Also available for black frame

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 20.74%)



9BB instead of 5BB

9BB technology decreases the distance between bus bars and finger grid line which is benefit to power increase.



Better performance warranty for N-type

20 years Product warranty + 30 year performance warranty
1.0% first year degradation,
0.4% linear degradation



More energy generation

Circular Ribbon in 9BB will achieve the reutilization of light absorption and increased energy generation.



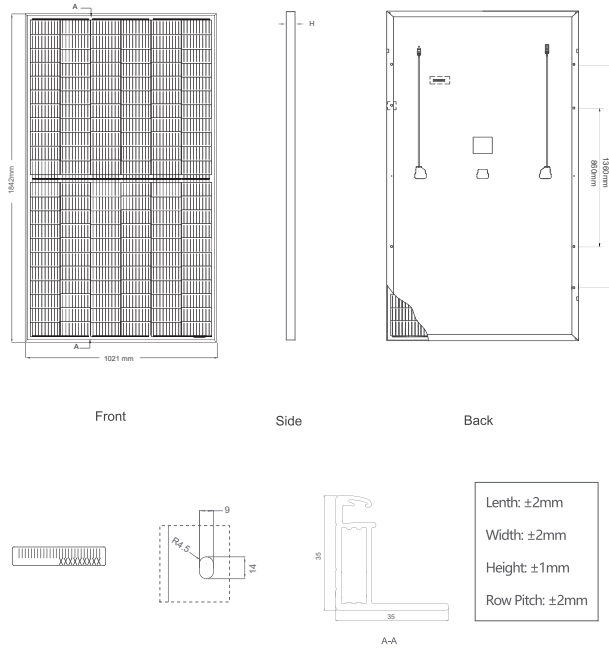
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730 certified product

N-TYPE LINEAR PERFORMANCE WARRANTY

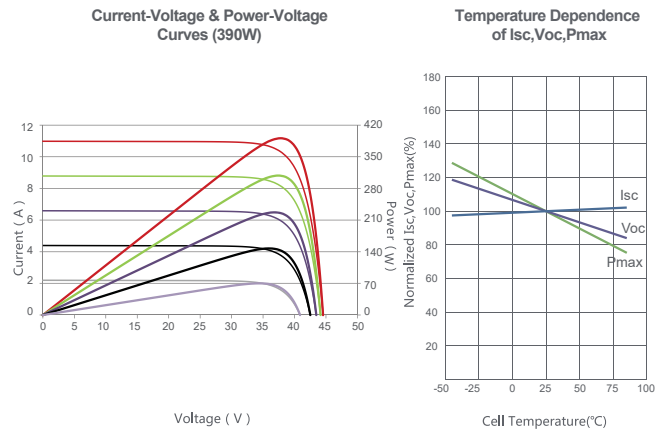
20 Year Product Warranty • 30 Year Linear Power Warranty
0.4% Annual Degradation Over 30 years



Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	132 (2×66)
Dimensions	1842×1021×35mm (72.51×40.18×1.37 inch)
Weight	21.6 kg (47.6 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 (+):800mm, (-):800mm or Customized Length

Packaging Configuration

(Two pallets = One stack)

31pcs/pallets, 62pcs/stack, 744pcs/ 40'HQ Container

SPECIFICATIONS

Module Type	JKM370N-6RL3		JKM375N-6RL3		JKM380N-6RL3		JKM385N-6RL3		JKM390N-6RL3	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	370Wp	275Wp	375Wp	278Wp	380Wp	282Wp	385Wp	286Wp	390Wp	290Wp
Maximum Power Voltage (Vmp)	35.86V	34.21V	35.92V	34.33V	35.99V	34.45V	36.05V	34.60V	36.11V	34.72V
Maximum Power Current (Imp)	10.32A	8.03A	10.44A	8.11A	10.56A	8.19A	10.68A	8.26A	10.80A	8.34A
Open-circuit Voltage (Voc)	43.41V	41.69V	43.49V	41.78V	43.58V	41.88V	43.66V	41.97V	43.75V	42.06V
Short-circuit Current (Isc)	11.13A	8.55A	11.23A	8.63A	11.33A	8.71A	11.43A	8.79A	11.53A	8.87A
Module Efficiency STC (%)	19.67%		19.94%		20.21%		20.47%		20.74%	
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	-0.35%/°C									
Temperature coefficients of Voc	-0.28%/°C									
Temperature coefficients of Isc	0.048%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									



* STC: 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%

The company reserves the final right for explanation on any of the information presented hereby. Tiger JKM370-390N-6RL3-A1-EN-for OSW