

Tiger Mono-facial N-type

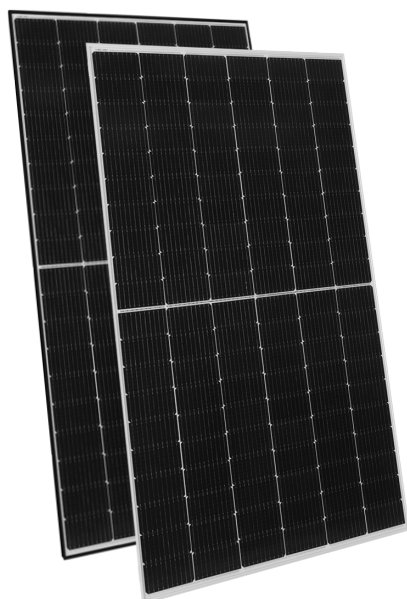
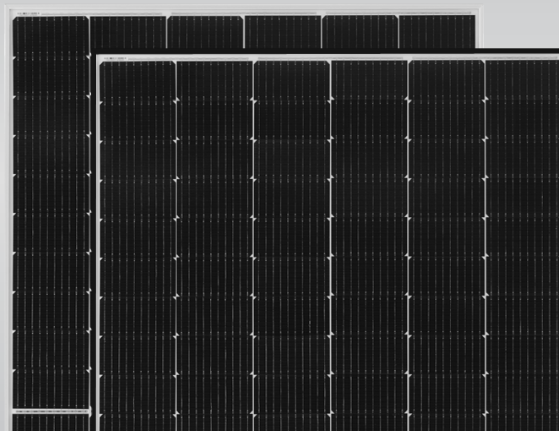
345-365 Watt

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 20.96%)



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

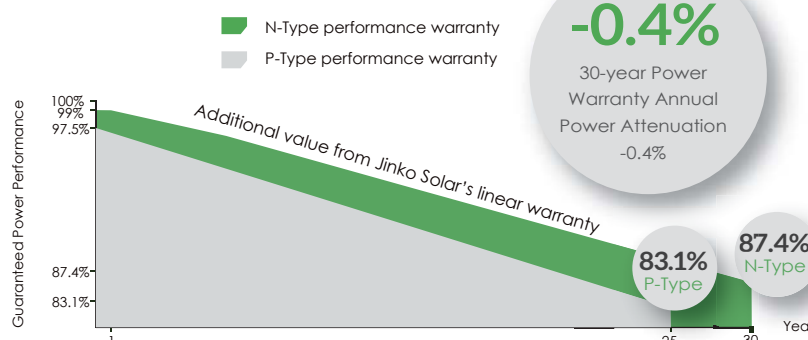


Better low-light performance

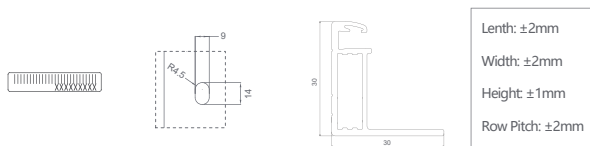
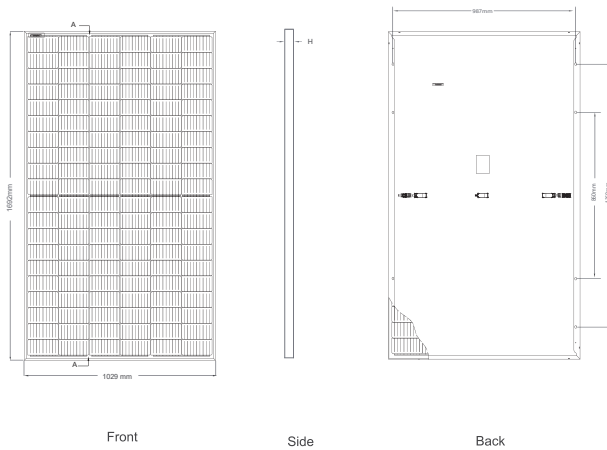
Excellent performance in low-light environments
(e.g. early morning, dusk, and cloud, etc.)

LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

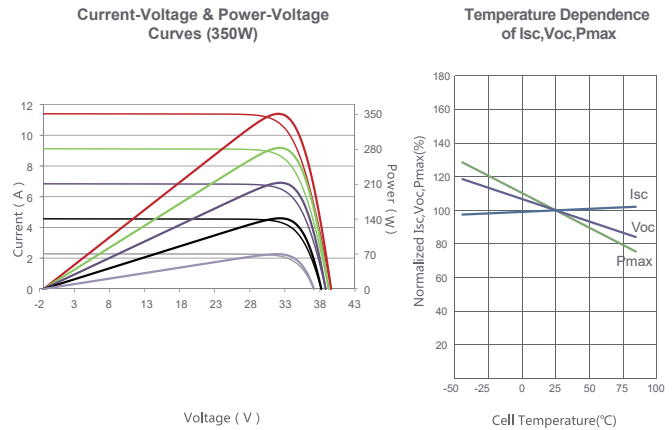


Packaging Configuration

(Two pallets = One stack)

35pcs/pallets, 70pcs/stack, 910pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	120 (2×60)
Dimensions	1692×1029×30mm (66.61×40.51×1.18 inch)
Weight	19.3 kg (42.55 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	JKM345N-6TL3 JKM345N-6TL3-V		JKM350N-6TL3 JKM350N-6TL3-V		JKM355N-6TL3 JKM355N-6TL3-V		JKM360N-6TL3 JKM360N-6TL3-V		JKM365N-6TL3 JKM365N-6TL3-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	345Wp	257Wp	350Wp	261Wp	355Wp	265Wp	360Wp	268Wp	365Wp	272Wp
Maximum Power Voltage (Vmp)	33.73V	31.10V	33.89V	31.25V	34.04V	31.40V	34.19V	31.58V	34.34V	31.72V
Maximum Power Current (Imp)	10.23A	8.27A	10.33A	8.35A	10.43A	8.43A	10.53A	8.50A	10.63A	8.58A
Open-circuit Voltage (Voc)	40.71V	38.42V	40.86V	38.57V	41.01V	38.71V	41.16V	38.85V	41.31V	38.99V
Short-circuit Current (Isc)	10.93A	8.83A	11.03A	8.91A	11.13A	8.99A	11.23A	9.07A	11.33A	9.15A
Module Efficiency STC (%)	19.82%		20.10%		20.39%		20.68%		20.96%	
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%