

Tiger Mono-facial All Black 380-400 Watt

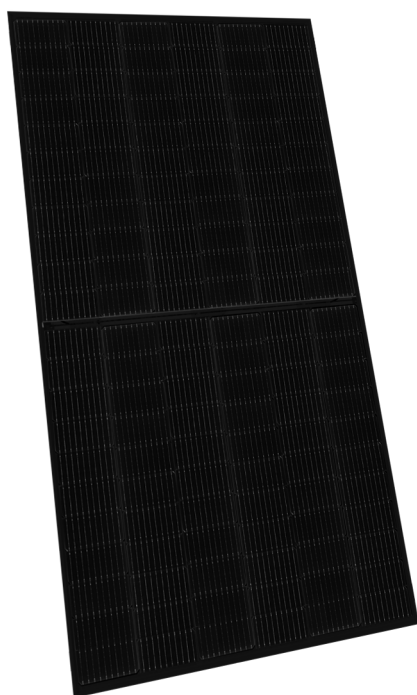
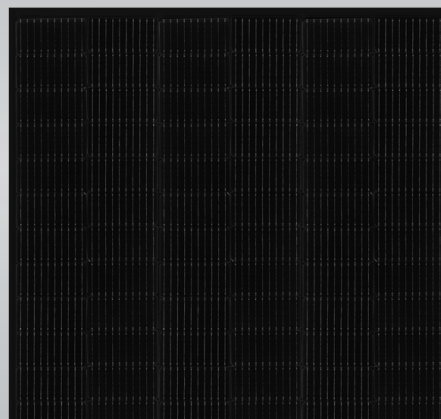
Tiling Ribbon (TR) Technology

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 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

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.)



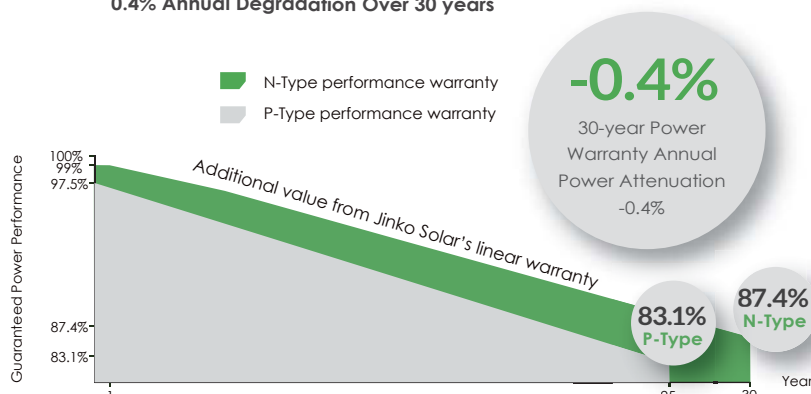
Severe Weather Resilience

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

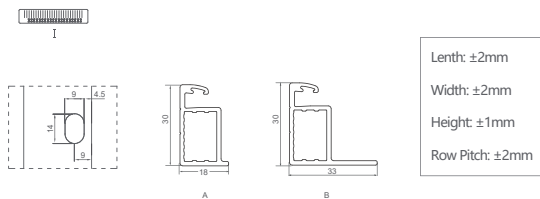
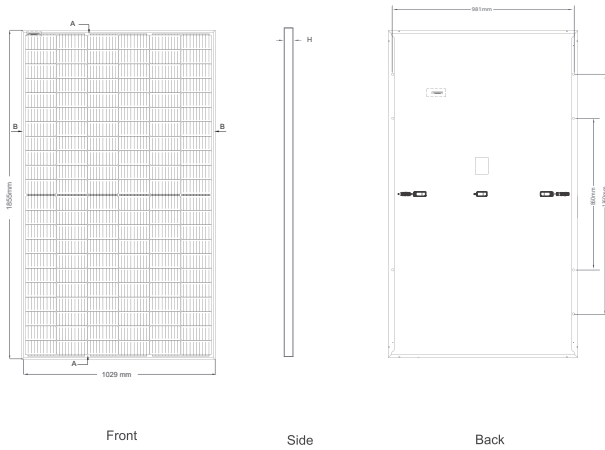


LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

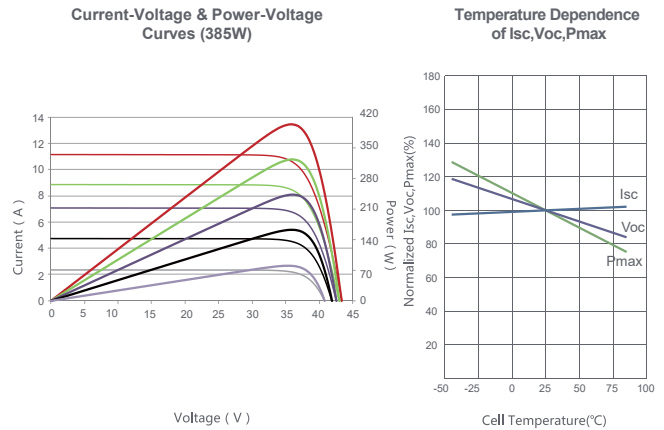


Packaging Configuration

(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 (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 1×4.0mm ² (+): 290mm, (-): 145 mm or Customized Length |

SPECIFICATIONS

Module Type

| | JKM380N-6RL3-B | | JKM385N-6RL3-B | | JKM390N-6RL3-B | | JKM395N-6RL3-B | | JKM400N-6RL3-B | |
|---|----------------|--------|----------------|--------|--------------------|--------|----------------|--------|----------------|--------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 380Wp | 283Wp | 385Wp | 287Wp | 390Wp | 291Wp | 395Wp | 295Wp | 400Wp | 298Wp |
| Maximum Power Voltage (Vmp) | 37.04V | 34.14V | 37.13V | 34.25V | 37.25V | 34.37V | 37.37V | 34.49V | 37.49V | 34.60V |
| Maximum Power Current (Imp) | 10.26A | 8.30A | 10.37A | 8.38A | 10.47A | 8.46A | 10.57A | 8.54A | 10.67A | 8.62A |
| Open-circuit Voltage (Voc) | 44.28V | 41.79V | 44.37V | 41.88V | 44.49V | 41.99V | 44.61V | 42.10V | 44.72V | 42.21V |
| Short-circuit Current (Isc) | 10.96A | 8.85A | 11.07A | 8.94A | 11.17A | 9.02A | 11.27A | 9.10A | 11.37A | 9.18A |
| Module Efficiency STC (%) | 19.91% | | 20.17% | | 20.43% | | 20.69% | | 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 $^{\circ}\text{C}$

AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20 $^{\circ}\text{C}$

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: \pm 3%

The company reserves the final right for explanation on any of the information presented hereby. TR JKM380-400N-6RL3-B-A2-EN (IEC 2016)