

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

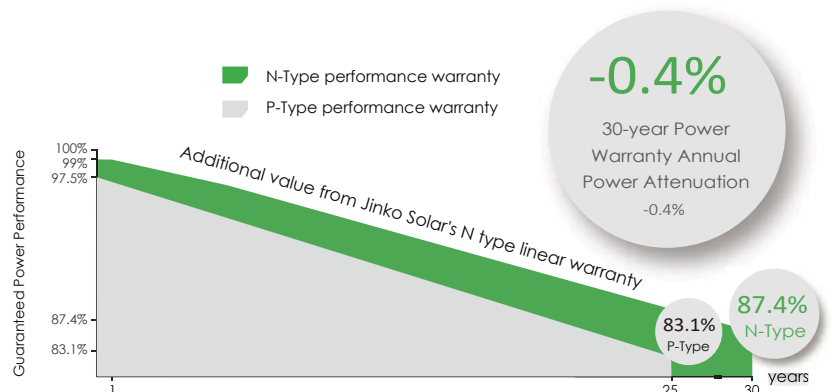
Circular Ribbon in 9BB will achieve the reutilization of light absorption and increased energy generation.



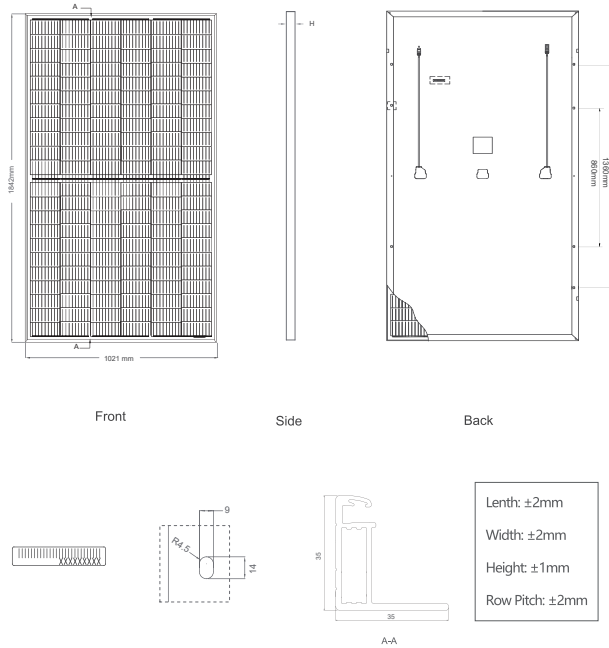
- ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory
- IEC61215, IEC61730 certified product

N-TYPE LINEAR PERFORMANCE WARRANTY

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



Engineering Drawings

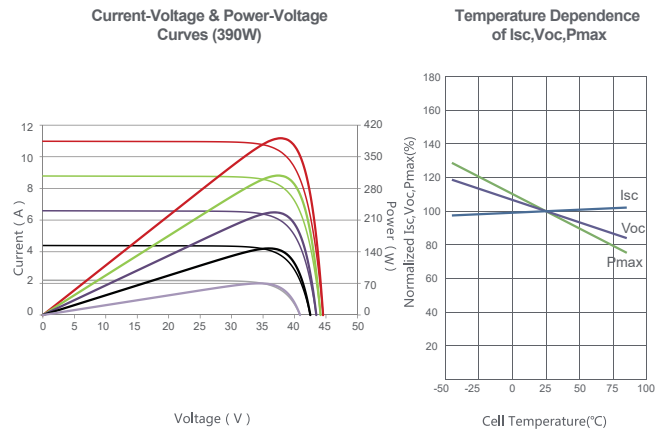


Packaging Configuration

(Two pallets = One stack)

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

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 |

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) | 36.75V | 34.21V | 36.88V | 34.33V | 37.01V | 34.45V | 37.13V | 34.60V | 37.25V | 34.72V |
| Maximum Power Current (Imp) | 10.07A | 8.03A | 10.17A | 8.11A | 10.27A | 8.19A | 10.37A | 8.26A | 10.47A | 8.34A |
| Open-circuit Voltage (Voc) | 44.26V | 41.69V | 44.36V | 41.78V | 44.46V | 41.88V | 44.56V | 41.97V | 44.66V | 42.06V |
| Short-circuit Current (Isc) | 10.58A | 8.55A | 10.68A | 8.63A | 10.78A | 8.71A | 10.88A | 8.79A | 10.98A | 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 | -0.29%/°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%