

Tiger N-Type 60TR

345-365 Watt

MONO FACIAL ALL BLACK

N-Type

Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



Tiling Ribbon Technology

Key Features



Multi Busbar Technology

MBB solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



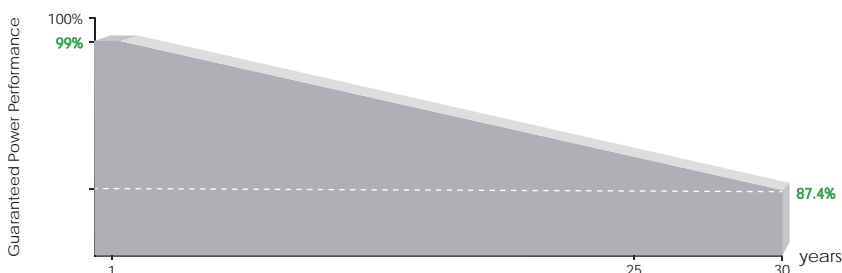
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

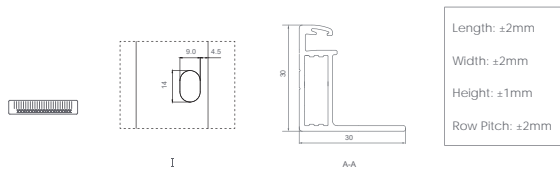
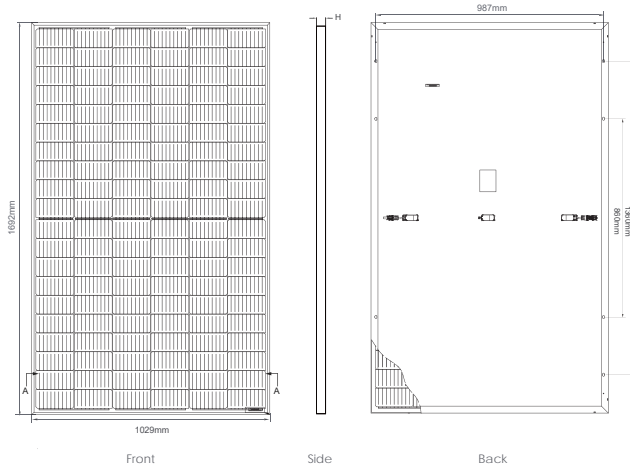


25 Year Product Warranty

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

Engineering Drawings

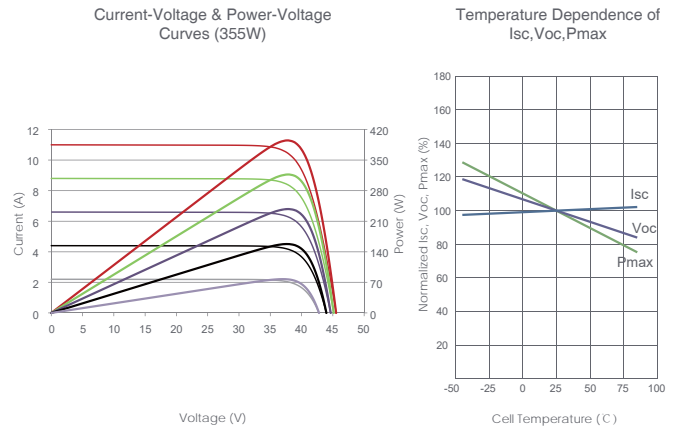


Packaging Configuration

(Two pallets = One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

| | |
|---------------|---|
| Cell Type | N type Mono-crystalline |
| No. of cells | 120 (6×20) |
| Dimensions | 1692×1029×30mm (66.61×40.51×1.18 inch) |
| Weight | 19.0kg (41.89 lbs) |
| Front Glass | 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP68 Rated |
| Output Cables | TUV 1×4.0mm ² (+): 290mm, (-): 145mm or Customized Length |

SPECIFICATIONS

| Module Type | JKM345N-6TL3-B | | JKM350N-6TL3-B | | JKM355N-6TL3-B | | JKM360N-6TL3-B | | JKM365N-6TL3-B | |
|---|----------------|--------|----------------|--------|----------------|--------|----------------|--------|----------------|--------|
| | 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) | 33.93V | 31.41V | 34.12V | 31.56V | 34.30V | 31.74V | 34.49V | 31.88V | 34.67V | 32.02V |
| Maximum Power Current (Imp) | 10.17A | 8.19A | 10.26A | 8.27A | 10.35A | 8.34A | 10.44A | 8.42A | 10.53A | 8.50A |
| Open-circuit Voltage (Voc) | 40.85V | 38.56V | 41.04V | 38.74V | 41.22V | 38.91V | 41.41V | 39.08V | 41.59V | 39.25V |
| Short-circuit Current (Isc) | 10.75A | 8.68A | 10.84A | 8.76A | 10.93A | 8.83A | 11.02A | 8.90A | 11.11A | 8.97A |
| Module Efficiency STC (%) | 19.82% | | 20.10% | | 20.39% | | 20.68% | | 20.96% | |
| 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 | -0.34%/°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