

Tiger N-Type 60TR

355-375 Watt

MONOFAZIAL ALL BLACK

N-Typ

Positive Leistungstoleranz von 0~+3%

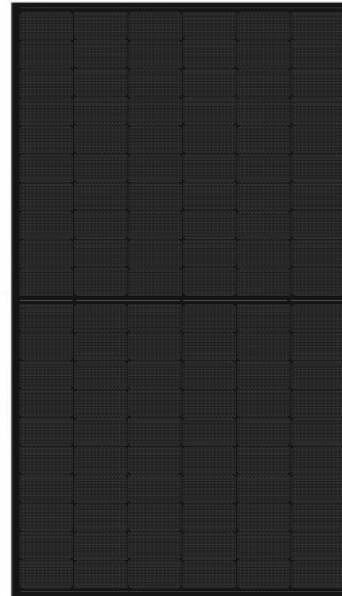
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Qualitätsmanagementsystem

ISO14001:2015: Umweltmanagementsystem

ISO45001:2018

Managementsysteme für Sicherheit und Gesundheit bei der Arbeit



WICHTIGE MERKMALE



Multi-Busbar-Technologie

Die MBB-Solarzelle nutzt neue Technologien zur Verbesserung der Moduleffizienz und bietet ein besseres ästhetisches Erscheinungsbild.



PID-Widerstand

Exzellente Anti-PID-Leistungsgarantie dank optimiertem Massenproduktionsprozess und Materialkontrolle.



Maximale Lebensdauer auch unter extremen Umweltbedingungen

Hohe Salz- sowie Ammoniak- Beständigkeit.



Hot 2.0-Technologie

Das N-Typ-Modul mit Hot 2.0-Technologie ist zuverlässiger und reduziert LID/LETID-Effekte.



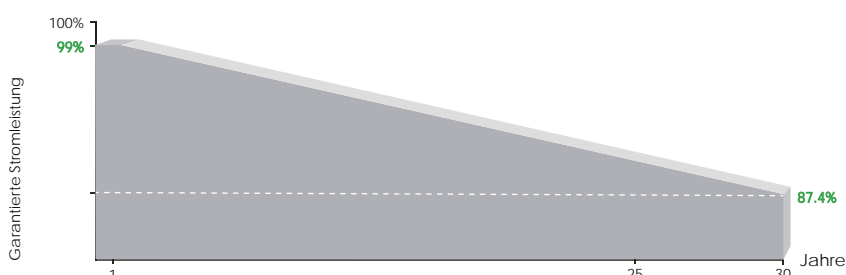
Verbesserte mechanische Widerstandskraft

Für den Einsatz bei Wind- und Schneelasten von bis zu 2400 Pa bzw. 5400 Pa zertifiziert



POSITIVE QUALITY™
Continuous Quality Assurance

LINEARE LEISTUNGSGARANTIE

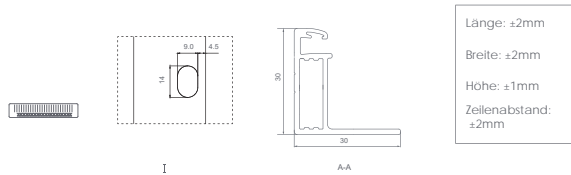
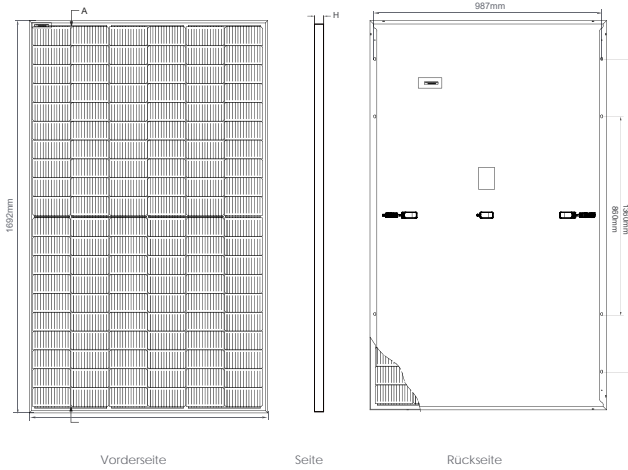


25 Jahre Produktgarantie

30 Jahre lineare Leistungsgarantie

0.4% jährliche Degradation über 30 Jahre

Technische Zeichnungen

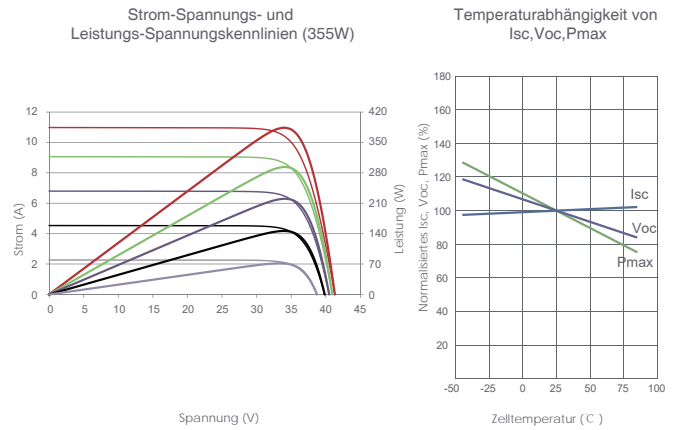


Versandeinheiten

(Zwei Boxen = Eine Palette)

36 Stück/Box, 72Stück/Palette, 936 Stück/40'HQ Container

Elektrische Leistung & Temperaturabhängigkeit



Mechanische Eigenschaften

Zelltyp	N-Typ Monokristallin
Anzahl der Zellen	120 (6×20)
Maße	1692×1029×30mm (66.61×40.51×1.18 inch)
Gewicht	19.0kg (41.89 lbs)
Frontglas	3.2mm, getempertes Glas mit hoher Lichtdurchlässigkeit und niedrigem Eisengehalt, Antireflex-Beschichtung
Rahmen	Eloxierte Aluminiumlegierung
Anschlussdose	Schutzklasse IP68
Ausgangskabel	TUV 1×4.0mm ² (+):290mm, (-):145mm oder maßgeschneiderte Länge

Spezifikationen

Modell	JKM355N-6TL3-B		JKM360N-6TL3-B		JKM365N-6TL3-B		JKM370N-6TL3-B		JKM375N-6TL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximale Leistung (Pmax)	355Wp	265Wp	360Wp	268Wp	365Wp	272Wp	370Wp	276Wp	375Wp	280Wp
Maximale Leistung, Spannung (Vmp)	34.30V	31.74V	34.49V	31.88V	34.67V	32.02V	34.84V	32.15V	35.02V	32.29V
Maximale Leistung, Strom (Imp)	10.35A	8.34A	10.44A	8.42A	10.53A	8.50A	10.62A	8.58A	10.71A	8.66A
Leerlaufspannung (Voc)	41.92V	39.57V	42.11V	39.75V	42.29V	39.92V	42.48V	40.09V	42.67V	40.27V
Kurzschlussstrom (Isc)	10.93A	8.83A	11.02A	8.90A	11.11A	8.97A	11.20A	9.05A	11.29A	9.12A
Modulwirkungsgrad STC (%)	20.38%		20.66%		20.95%		21.24%		21.53%	
Betriebstemperatur (°C)	-40°C~+85°C									
Maximale Systemspannung	1000VDC (IEC)									
Maximale Vorschaltleistungsleistung	20A									
Leistungstoleranz	0~+3%									
Temperaturkoeffizienten von Pmax	-0.34%/°C									
Temperaturkoeffizienten von Voc	-0.28%/°C									
Temperaturkoeffizienten von Isc	0.048%/°C									
Nennbetriebszelltemperatur (NOCT)	45±2°C									

*STC: Einstrahlung 1000W/m²

Zelltemperatur 25°C

AM=1.5

NOCT: Einstrahlung 800W/m²

Umgebungstemperatur 20°C

AM=1.5

Windgeschwindigkeit 1m/s

Tiger N-Type 60TR 355-375 Watt

MONO FACIAL ALL BLACK

N-Type

Positive power tolerance of 0~+3%

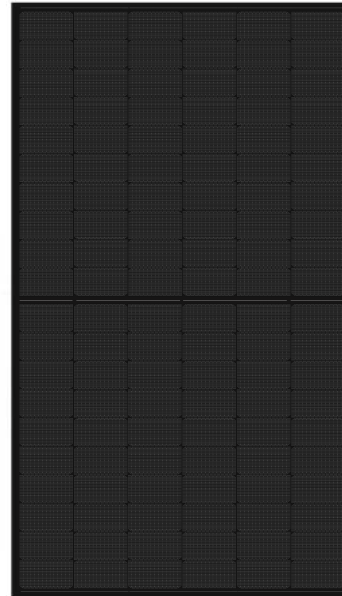
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



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.



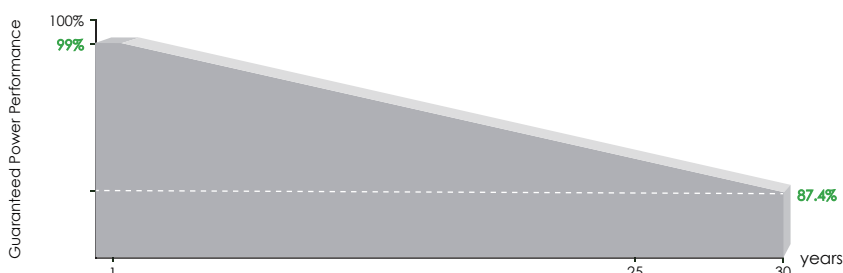
Enhanced Mechanical Load

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



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LINEAR PERFORMANCE WARRANTY

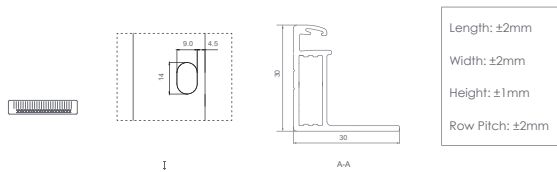
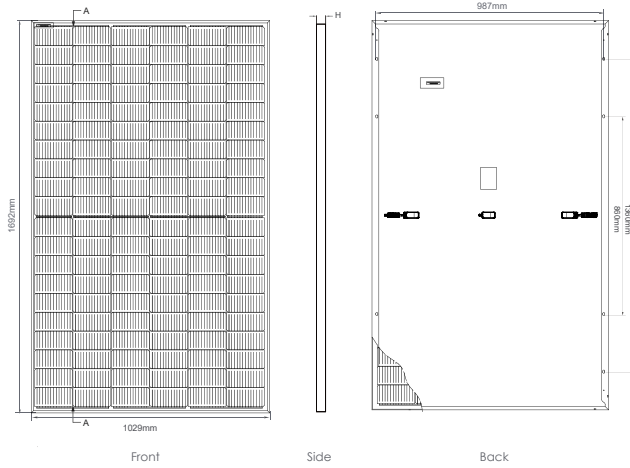


25 Year Product Warranty

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

Engineering Drawings

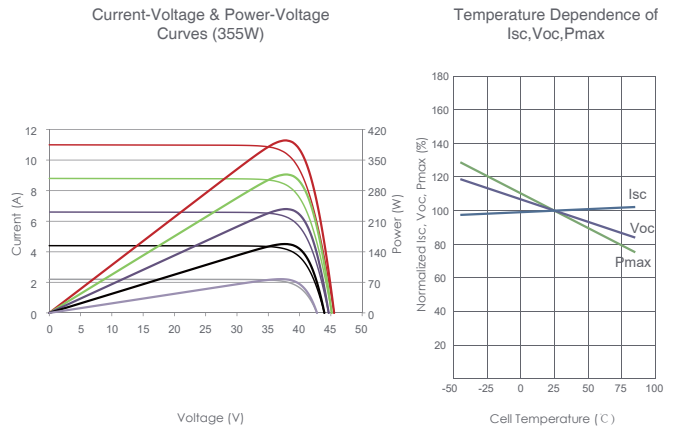


Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 936pcs/ 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	19.0 kg (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	JKM355N-6TL3-B		JKM360N-6TL3-B		JKM365N-6TL3-B		JKM370N-6TL3-B		JKM375N-6TL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	355Wp	265Wp	360Wp	268Wp	365Wp	272Wp	370Wp	276Wp	375Wp	280Wp
Maximum Power Voltage (Vmp)	34.30V	31.74V	34.49V	31.88V	34.67V	32.02V	34.84V	32.15V	35.02V	32.29V
Maximum Power Current (Imp)	10.35A	8.34A	10.44A	8.42A	10.53A	8.50A	10.62A	8.58A	10.71A	8.66A
Open-circuit Voltage (Voc)	41.92V	39.57V	42.11V	39.75V	42.29V	39.92V	42.48V	40.09V	42.67V	40.27V
Short-circuit Current (Isc)	10.93A	8.83A	11.02A	8.90A	11.11A	8.97A	11.20A	9.05A	11.29A	9.12A
Module Efficiency STC (%)	20.38%		20.66%		20.95%		21.24%		21.53%	
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