

Tiger N-Type 66TR

395-415 Watt

MONOFAZIAL ALL BLACK

N-Typ

Positive Leistungstoleranz von 0~+3%

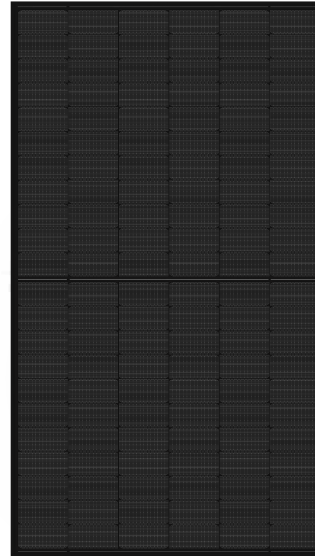
IEC61215(2016), IEC61730(2016)

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.



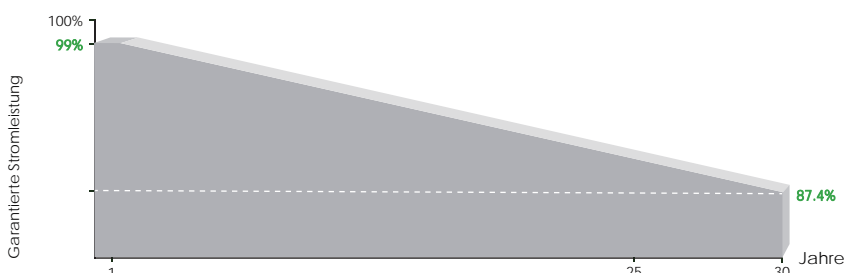
Verbesserte mechanische Widerstandskraft

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEARE LEISTUNGSGARANTIE

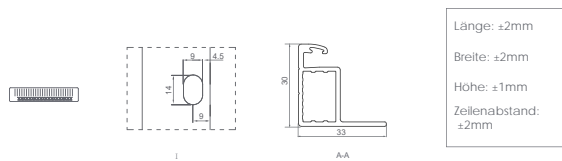
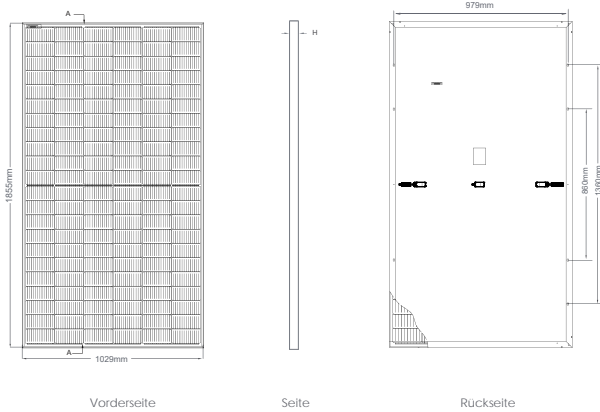


25 Jahre Produktgarantie

30 Jahre lineare Leistungsgarantie

0.4% jährliche Degradation über 30 Jahre

Technische Zeichnungen

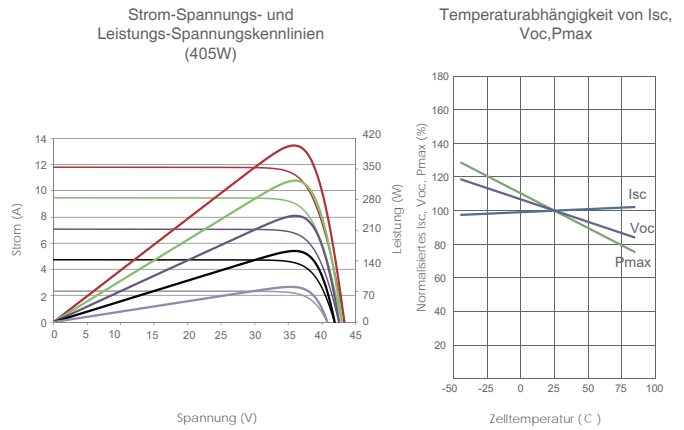


Versandeinheiten

(Zwei Boxen = Eine Palette)

36 Stück/Box, 72Stück/Palette, 864 Stück/40'HQ Container

Elektrische Leistung & Temperaturabhängigkeit



Mechanische Eigenschaften

Zelltyp	N-Typ Monokristallin
Anzahl der Zellen	132 (2×66)
Maße	1855×1029×30mm (73.03×40.51×1.18 inch)
Gewicht	20.8kg (45.86 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	JKM395N-6RL3-B		JKM400N-6RL3-B		JKM405N-6RL3-B		JKM410N-6RL3-B		JKM415N-6RL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximale Leistung (Pmax)	395Wp	295Wp	400Wp	298Wp	405Wp	302Wp	410Wp	306Wp	415Wp	309Wp
Maximale Leistung, Spannung (Vmp)	37.91V	35.19V	38.10V	35.38V	38.28V	35.57V	38.46V	35.71V	38.64V	35.85V
Maximale Leistung, Strom (Imp)	10.42A	8.37A	10.50A	8.43A	10.58A	8.49A	10.66A	8.56A	10.74A	8.63A
Leerlaufspannung (Voc)	46.22A	43.63V	46.41	43.80V	46.59V	43.97V	45.77V	44.14V	46.95V	44.31V
Kurzschlussstrom (Isc)	11.00A	8.88A	11.08A	8.95A	11.16A	9.01A	11.24A	9.08A	11.32A	9.14A
Modulwirkungsgrad STC (%)	20.69%		20.96%		21.22%		21.48%		21.74%	
Betriebstemperatur (°C)	-40 C ~ +85 C									
Maximale Systemspannung	1000VDC (IEC)									
Maximale Vorschaltleistung	20A									
Leistungstoleranz	0~+3%									
Temperaturkoeffizienten von Pmax	-0.34%/C									
Temperaturkoeffizienten von Voc	-0.28%/C									
Temperaturkoeffizienten von Isc	0.048%/C									
Nennbetriebszellentemperatur (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 66TR

395-415 Watt

MONO-FACIAL ALL BLACK

N-Type

Positive power tolerance of 0~+3%

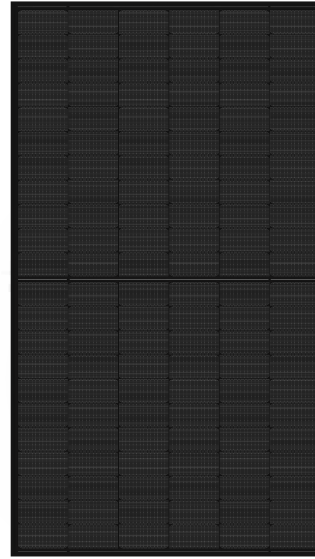
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



Key Features



Multi Busbar Technology

Better light trapping and current collection to improve module power output and reliability.



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.



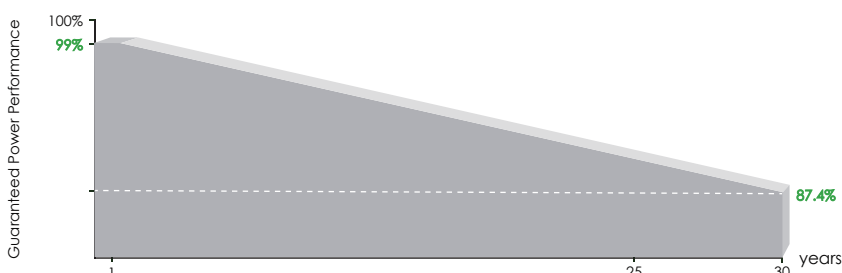
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

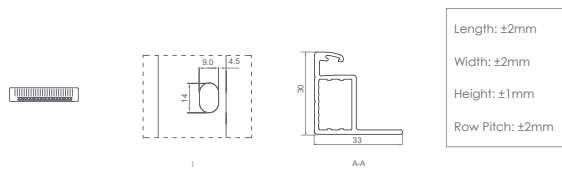
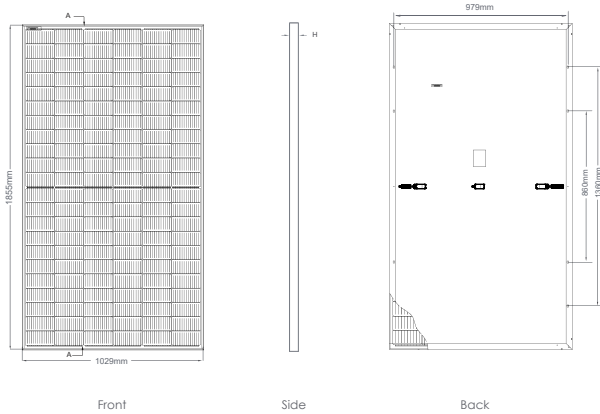


25 Year Product Warranty

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

Engineering Drawings

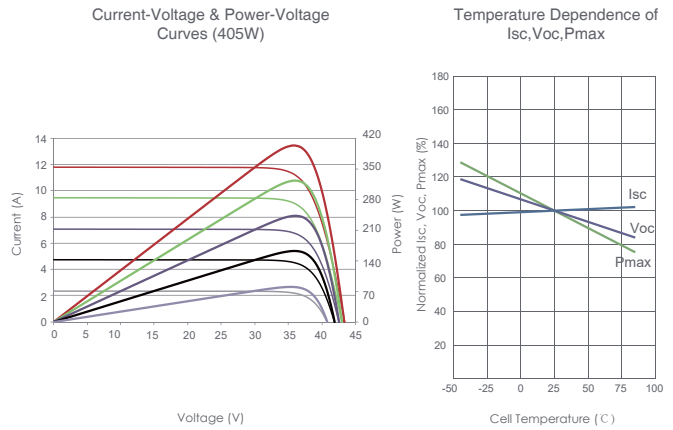


Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 864pcs/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	20.8kg (45.86 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	JKM395N-6TL3-B		JKM400N-6TL3-B		JKM405N-6RL3-B		JKM410N-6RL3-B		JKM415N-6RL3-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395Wp	295Wp	400Wp	298Wp	405Wp	302Wp	410Wp	306Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	37.91V	35.19V	38.10V	35.38V	38.28V	35.57V	38.46V	35.71V	38.64V	35.85V
Maximum Power Current (Imp)	10.42A	8.37A	10.50A	8.43A	10.58A	8.49A	10.66A	8.56A	10.74A	8.63A
Open-circuit Voltage (Voc)	46.22A	43.63V	46.41	43.80V	46.59V	43.97V	45.77V	44.14V	46.95V	44.31V
Short-circuit Current (Isc)	11.00A	8.88A	11.08A	8.95A	11.16A	9.01A	11.24A	9.08A	11.32A	9.14A
Module Efficiency STC (%)	20.69%		20.96%		21.22%		21.48%		21.74%	
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	-0.34%/C									
Temperature Coefficients of Voc	-0.28%/C									
Temperature Coefficients of Isc	0.048%/C									
Nominal Operating Cell Temperature (NOCT)	45±2C									

*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