

Tiger N-Type 66TR

395-415 Watt

MONO-FACIAL ALL BLACK

N-Type

Positive power tolerance of 0~+3%

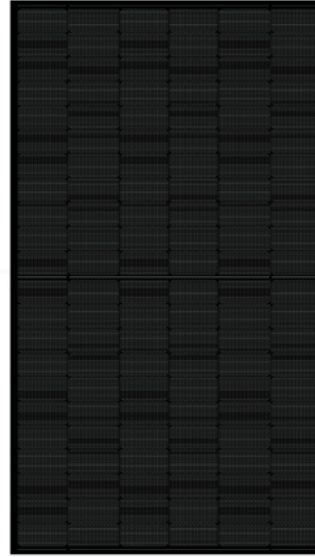
IEC61215(2016), IEC61730(2016)

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.



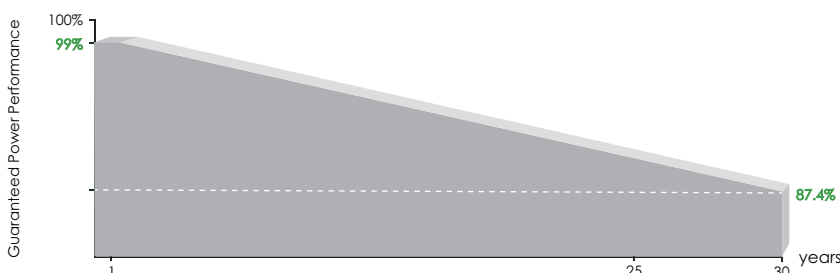
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

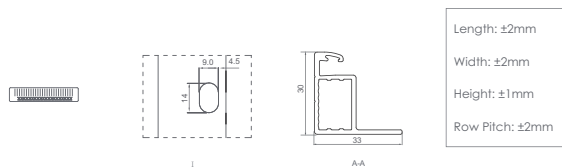
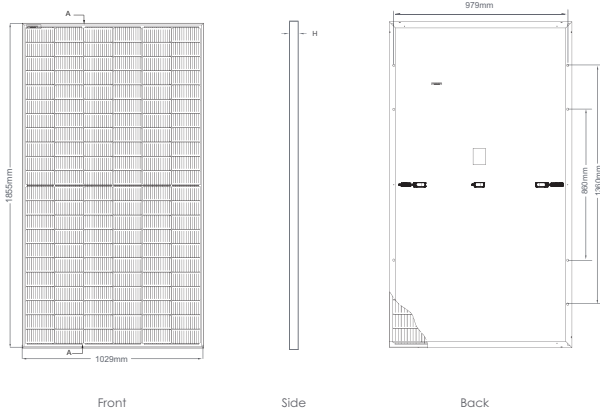


25 Year Product Warranty

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

Engineering Drawings



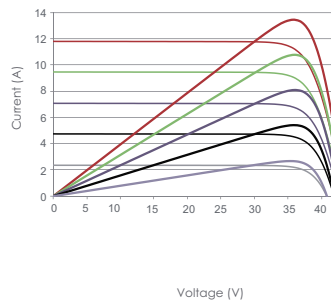
Packaging Configuration

(Two pallets = One stack)

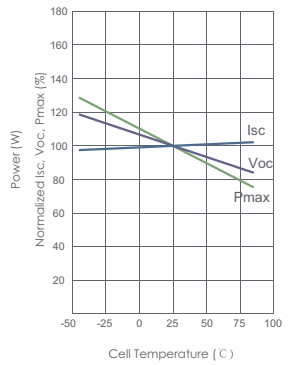
36pcs/pallets, 72pcs/stack, 864pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (405W)



Temperature Dependence of Isc, Voc, Pmax



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-6RL3-B		JKM400N-6RL3-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