

Tiger N-Type 66TR 410-415 Watt

MONO-FACIAL ALL BLACK

N-Type

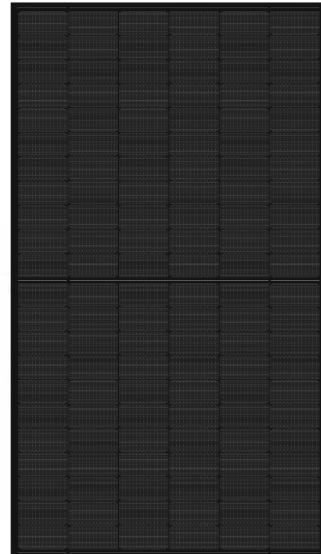
IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems
(Made in China/Malaysia/Vietnam/U.S)



Key Features



Multi Busbar Technology

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



Hot 2.0 Technology

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



PID Resistance

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



Enhanced Mechanical Load

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

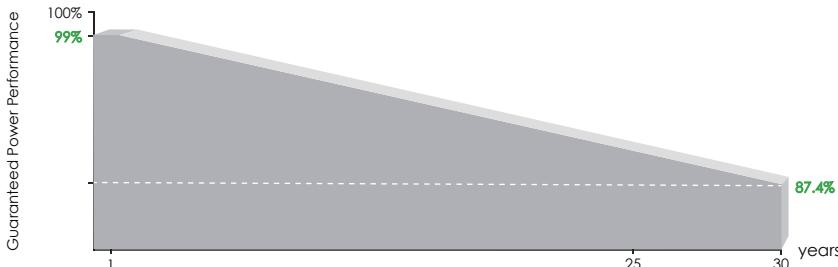


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



LINEAR PERFORMANCE WARRANTY

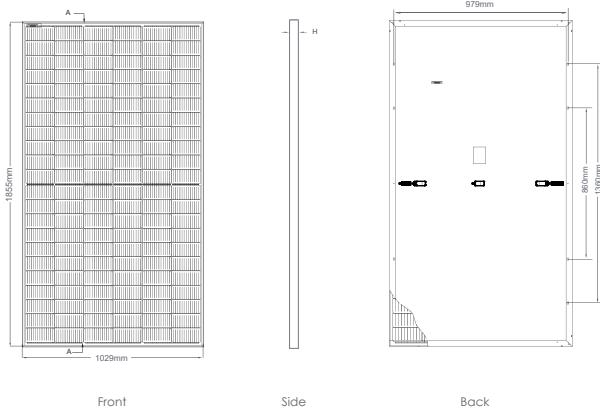


25 Year Product Warranty

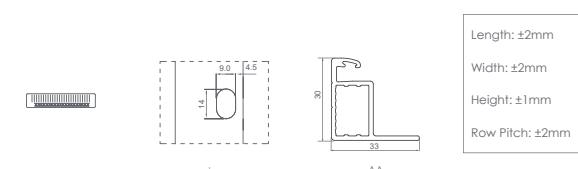
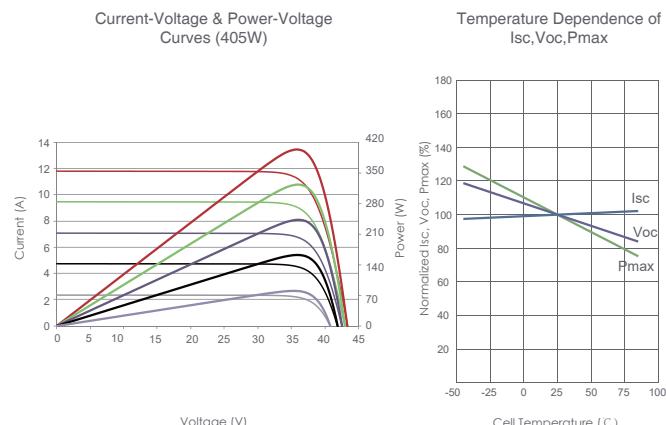
30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

Engineering Drawings



Electrical Performance & Temperature Dependence



Packaging Configuration

(Two pallets = One stack)

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

Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	132 (2x66)
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
Connector Type	JK03M/1B or Genuine MC4
Fire Class	Class C

SPECIFICATIONS

Module Type	JKM410N-6RL3-B	JKM415N-6RL3-B		
STC	NOCT	STC	NOCT	
Maximum Power (Pmax)	410Wp	306Wp	415Wp	309Wp
Maximum Power Voltage (Vmp)	38.46V	35.71V	38.64V	35.85V
Maximum Power Current (Imp)	10.66A	8.56A	10.74A	8.63A
Open-circuit Voltage (Voc)	45.77V	44.14V	46.95V	44.31V
Short-circuit Current (Isc)	11.24A	9.08A	11.32A	9.14A
Module Efficiency STC (%)	21.48%	21.74%		
Operating Temperature(°C)	-40°C ~ +85°C			
Maximum System Voltage	1000VDC (IEC)			
Maximum Series Fuse Rating	20A			
Power Measurement Tolerance	±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