

Tiger N-Type 66TR

400-410 Watt

MONO-FACIAL MODULE

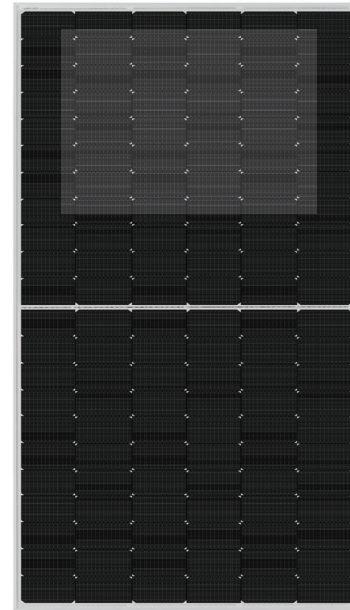
N-Type

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)



Key Features



Multi Busbar Technology

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



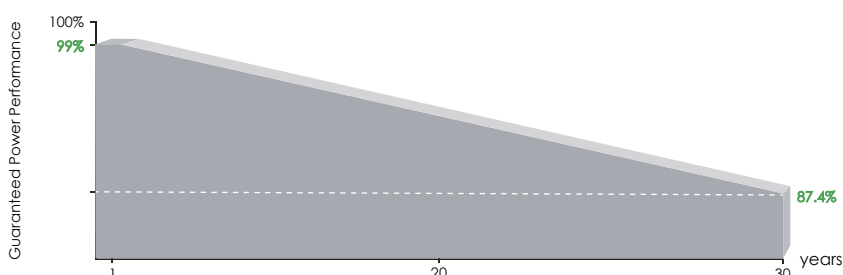
Enhanced Mechanical Load

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



POSITIVE QUALITY™
Continuous Quality Assurance

LINEAR PERFORMANCE WARRANTY

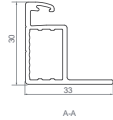
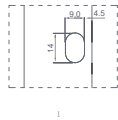
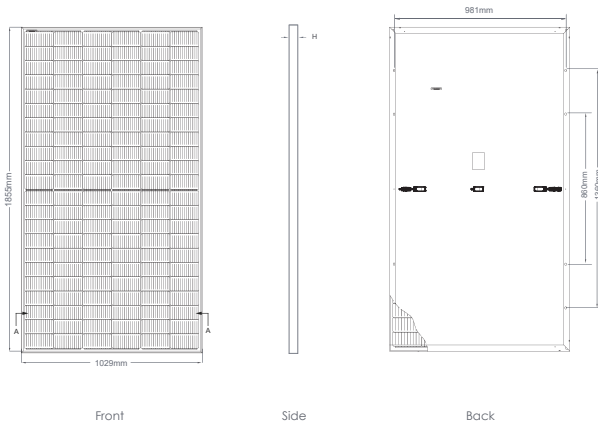


20 Year Product Warranty

30 Year Linear Power Warranty

0.4% Annual Degradation Over 30 years

Engineering Drawings



Length: $\pm 2\text{mm}$
Width: $\pm 2\text{mm}$
Height: $\pm 1\text{mm}$
Row Pitch: $\pm 2\text{mm}$

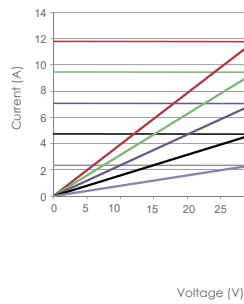
Packaging Configuration

(Two pallets = One stack)

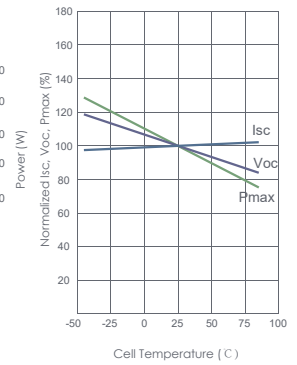
36pcs/pallets, 72pcs/stack, 864pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (400W)



Temperature Dependence of I_{sc} , V_{oc} , P_{max}



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
Connector Type	1000V: Staubli MC4JK03M/2B, JK03M2/2B, Jinko PV material 1500V: Staubli MC4-EVO2JK03M/2B, JK03M2/2B, Jinko PV material
Fire Class	Class C

SPECIFICATIONS

Module Type	JKM400N-6RL3 JKM400N-6RL3-V		JKM405N-6RL3 JKM405N-6RL3-V		JKM410N-6RL3 JKM410N-6RL3-V	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	400Wp	298Wp	405Wp	302Wp	410Wp	306Wp
Maximum Power Voltage (Vmp)	36.33V	33.59V	36.48V	33.70V	36.64V	33.78V
Maximum Power Current (Imp)	11.01A	8.88A	11.10A	8.96A	11.19A	9.05A
Open-circuit Voltage (Voc)	46.05V	43.47V	46.30V	43.70V	46.55V	43.94V
Short-circuit Current (Isc)	11.73A	9.47A	11.84A	9.56A	11.95A	9.65A
Module Efficiency STC (%)	20.96%		21.22%		21.48%	
Operating Temperature(°C)	-40 C~+85 C					
Maximum System Voltage	1000/1500VDC (IEC) with -V=1500V, without -V=1000V					
Maximum Series Fuse Rating	20A					
Power sorting tolerances	0~3%					
Power measurement tolerances	-3%~+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