

Tiger N-Type 66TR 400-420 Watt

MONO-FACIAL MODULE

N-Type

Positive power tolerance of 0~+3%

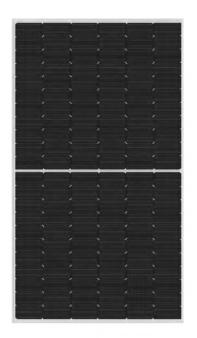
IEC61215(2016), IEC61730(2016)

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.



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.



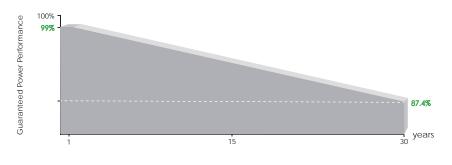








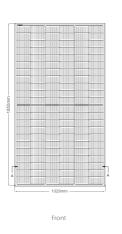
LINEAR PERFORMANCE WARRANTY

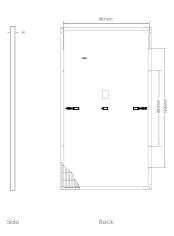


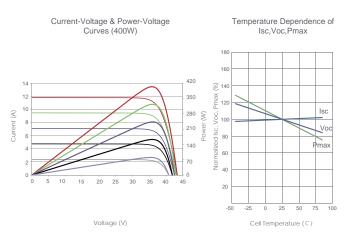
- **15** Year Product Warranty
- **30** Year Linear Power Warranty
- 0.4% Annual Degradation Over 30 years

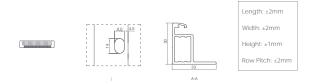
Engineering Drawings

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 (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' (+): 290mm , (-): 145mm or Customized Length				

SPECIFICATIONS					
Module Type	JKM400N-6RL3 JKM400N-6RL3-V	JKM405N-6RL3 JKM405N-6RL3-V	JKM410N-6RL3 JKM410N-6RL3-V	JKM415N-6RL3 JKM415N-6RL3-V	JKM420N-6RL3 JKM420N-6RL3-V
	STC NOCT				
Maximum Power (Pmax)	400Wp 298Wp	405Wp 302Wp	410Wp 306Wp	415Wp 309Wp	420Wp 313Wp
Maximum Power Voltage (Vmp)	36.33V 33.59V	36.48V 33.70V	36.64V 33.78V	36.79V 33.89V	36.94V 33.96V
Maximum Power Current (Imp)	11.01A 8.88A	11.10A 8.96A	11.19A 9.05A	11.28A 9.13A	11.37A 9.22A
Open-circuit Voltage (Voc)	46.05V 43.47V	46.30V 43.70V	46.55V 43.94V	46.77V 44.14V	47.00V 44.36V
Short-circuit Current (Isc)	11.73A 9.47A	11.84A 9.56A	11.95A 9.65A	12.06A 9.74A	12.17A 9.83A
Module Efficiency STC (%)	20.96%	21.22%	21.48%	21.74%	22.00%
Operating Temperature(°C)			-40°C ~+85°C		
Maximum System Voltage			1000/1500VDC (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		













