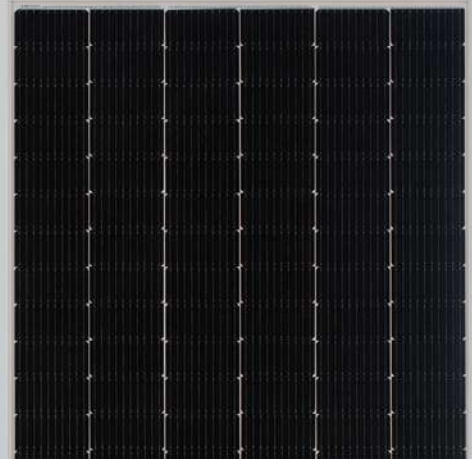


# TR 78M 555-575 Watt Mono-facial

Tiling Ribbon (TR) Technology

Positive power tolerance of 0~+3%

## TIGER Pro



### KEY FEATURES



#### TR technology + Half Cell

TR technology with Half cell aims to eliminate the cell gap to increase module efficiency (mono-facial up to 21.40%)



#### MBB instead of 5BB

MBB technology decreases the distance between bus bars and finger grid line which is benefit to power increase.



#### Higher lifetime Power Yield

2% first year degradation,  
0.55% linear degradation



#### Best Warranty

12 year product warranty,  
25 year linear power warranty



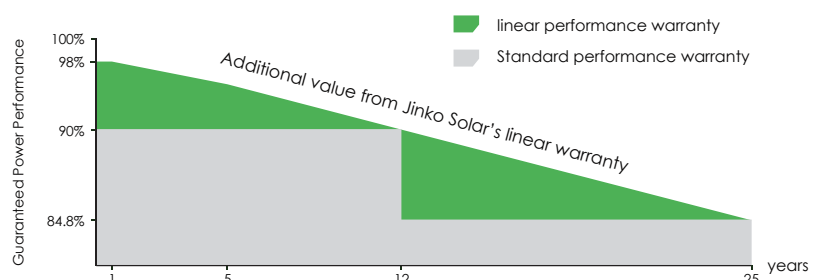
#### Strengthened Mechanical Support

5400 Pa snow load, 2400 Pa wind load



### LINEAR PERFORMANCE WARRANTY

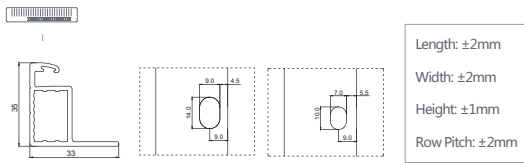
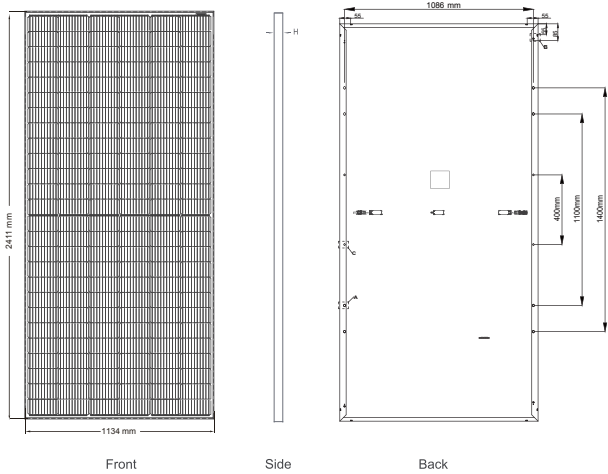
12 Year Product Warranty • 25 Year Linear Power Warranty  
0.55% Annual Degradation Over 25 years



ISO9001:2015, ISO14001:2015, ISO45001:2018 certified factory

IEC61215(2016), IEC61730(2016) certified product

## Engineering Drawings

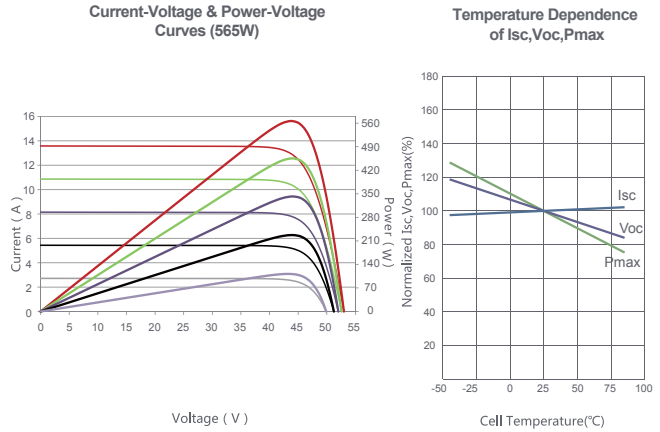


## Packaging Configuration

( Two pallets = One stack )

31pcs/pallets, 62pcs/stack, 496pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	156 (2×78)
Dimensions	2411×1134×35mm (94.92×44.65×1.38 inch)
Weight	30.6 kg (67.5 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 <sup>2</sup> (+): 290mm, (-): 145 mm or Customized Length

## SPECIFICATIONS

Module Type	JKM555M-7RL4-V		JKM560M-7RL4-V		JKM565M-7RL4-V		JKM570M-7RL4-V		JKM575M-7RL4-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	555Wp	413Wp	560Wp	417Wp	565Wp	420Wp	570Wp	424Wp	575Wp	428Wp
Maximum Power Voltage (Vmp)	43.95V	40.96V	44.06V	41.05V	44.18V	41.13V	44.29V	41.25V	44.40V	41.33V
Maximum Power Current (Imp)	12.63A	10.08A	12.71A	10.15A	12.79A	10.22A	12.87A	10.28A	12.95A	10.35A
Open-circuit Voltage (Voc)	53.44V	50.44V	53.54V	50.54V	53.64V	50.63V	53.74V	50.72V	53.84V	50.82V
Short-circuit Current (Isc)	13.26A	10.71A	13.35A	10.78A	13.44A	10.86A	13.52A	10.92A	13.61A	10.99A
Module Efficiency STC (%)	20.30%		20.48%		20.67%		20.85%		21.03%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.35%/°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/m<sup>2</sup> 📏 Cell Temperature 25°C ☁ AM=1.5  
 NOCT: ☀ Irradiance 800W/m<sup>2</sup> 📏 Ambient Temperature 20°C ☁ AM=1.5 🌀 Wind Speed 1m/s