

# JKM215M-72

## 195-215 Watt

### MONO CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory.  
IEC61215, IEC61730 certified products.



## KEY FEATURES



### High Efficiency:

High module conversion efficiency (up to 16.84%), through innovative manufacturing technology.



### Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



### Severe Weather Resilience:

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



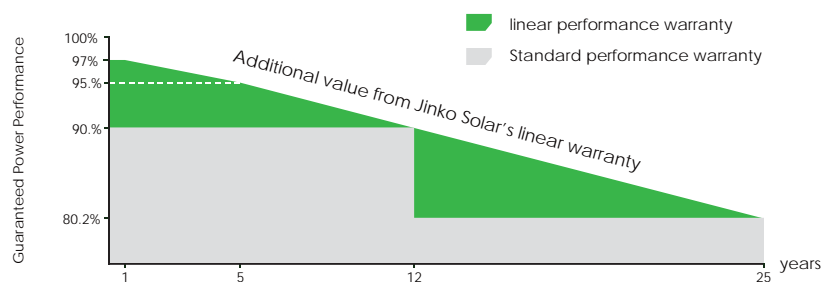
### Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

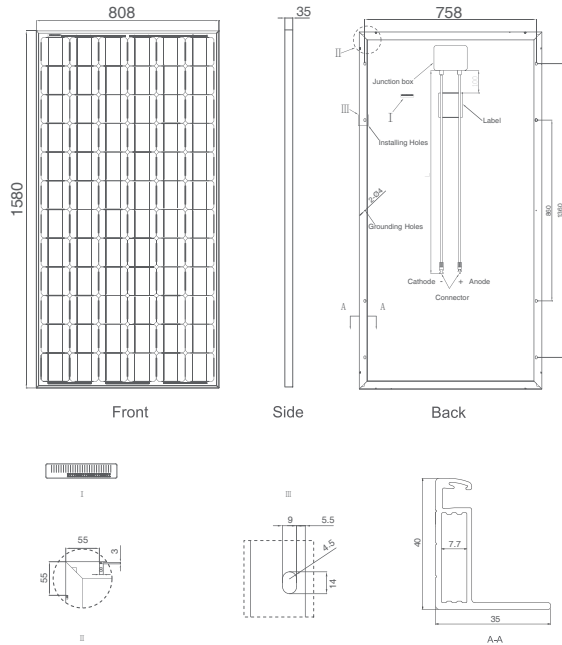


## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

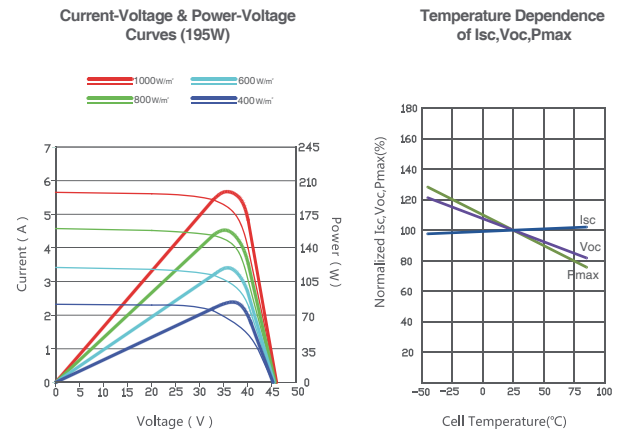


## Packaging Configuration

( Two boxes =One pallet )

28 pcs/box, 56 pcs/pallet, 336 pcs/20'FT Container  
28 pcs/box, 56 pcs/pallet, 784 pcs/40'FT Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono-crystalline 125×125mm (5 inch)
No. of cells	72 (6×12)
Dimensions	1580×808×35mm (62.20×31.81×1.38 inch)
Weight	14.5kg (31.9 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TÜV 1×4.0mm <sup>2</sup> , Length:900mm

## SPECIFICATIONS

Module Type	JKM195M		JKM200M		JKM205M		JKM210M		JKM215M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	195Wp	145Wp	200Wp	149Wp	205Wp	153Wp	210Wp	156Wp	215Wp	159Wp
Maximum Power Voltage (Vmp)	36.8V	34.2V	36.9V	34.3V	37.2V	34.6V	37.4V	34.8V	37.7V	35.0V
Maximum Power Current (Imp)	5.30A	4.23A	5.42A	4.33A	5.51A	4.42A	5.61A	4.48A	5.70A	4.54A
Open-circuit Voltage (Voc)	45.4V	42.2V	45.6V	42.4V	45.9V	42.7V	46.1V	42.9V	46.4V	43.2V
Short-circuit Current (Isc)	5.67A	4.56A	5.80A	4.67A	5.90A	4.75A	5.99A	4.82A	6.09A	4.92A
Module Efficiency STC (%)	15.28%		15.67%		16.06%		16.45%		16.84%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	10A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.40%/°C									
Temperature coefficients of Voc	-0.29%/°C									
Temperature coefficients of Isc	0.05%/°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

\* Power measurement tolerance: ± 3%