

# JKM210M-72

## MONO CRYSTALLINE MODULE

### 190-210 Watt

Jinko Solar introduces a brand-new line of high performance modules in wide application.

(US Market Use Only)



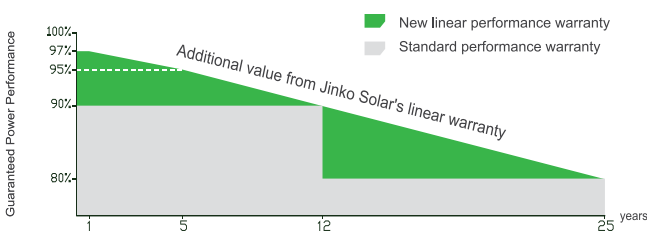
### KEY FEATURES

- High module conversion efficiency (up to 16.45%), through superior manufacturing technology
- Anti-reflective coating improves light absorption and reduces surface dust
- More elegant cell and module appearance
- Low nominal operating cell temperature (NOCT) delivers better power and performance over time
- Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

### QUALITY & SAFETY

- Positive power tolerance of -0/+3% \*
- 10 year warranty on material & workmanship \*
- Industry leading power output warranty (12 years/90%, 25 years/80%)
- Premium linear performance warranty \*

#### Premium Performance Warranty



\* Based on customer requirements and contract terms

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory  
UL1703 certified products

### APPLICATIONS



On-grid residential roof-tops



On-grid commercial/ industrial roof-tops

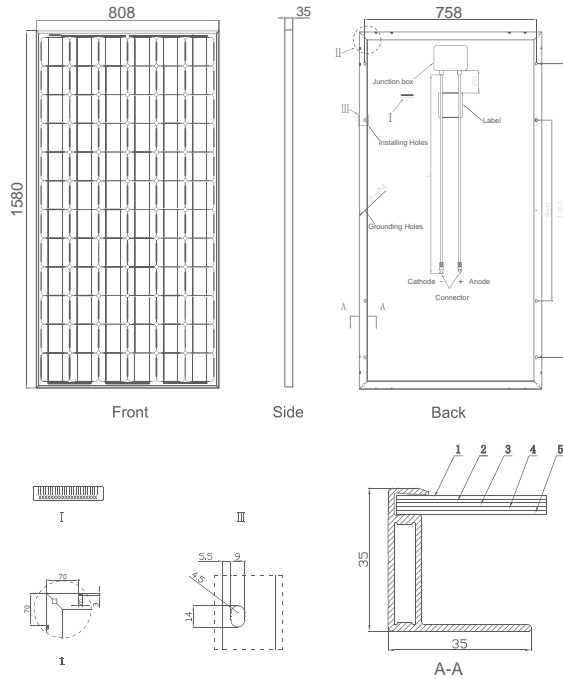


Solar power plants



Off-grid systems

## Engineering Drawings

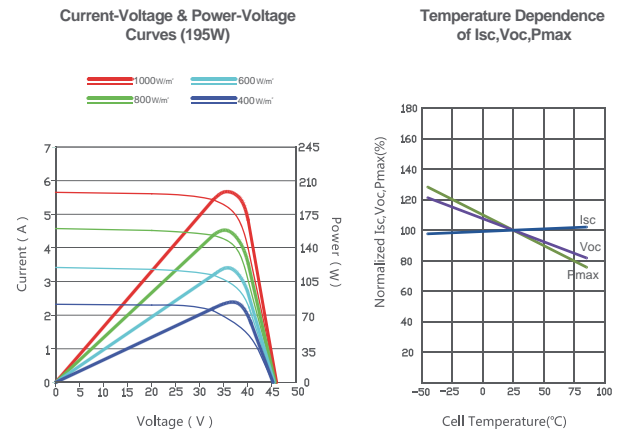


## Packaging Configuration

( 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	12 AWG , Length:900mm

## SPECIFICATIONS

Module Type	JKM190M		JKM195M		JKM200M		JKM205M		JKM210M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	190Wp	140Wp	195Wp	144Wp	200Wp	148Wp	205Wp	152Wp	210Wp	155Wp
Maximum Power Voltage (Vmp)	36.6V	33.9V	36.8V	34.1V	36.9V	34.2V	37.2V	34.4V	37.4V	34.6V
Maximum Power Current (Imp)	5.19A	4.13A	5.30A	4.23A	5.42A	4.33A	5.51A	4.42A	5.61A	4.48A
Open-circuit Voltage (Voc)	45.2V	41.8V	45.4V	42.1V	45.6V	42.3V	45.9V	42.5V	46.1V	42.7V
Short-circuit Current (Isc)	5.56A	4.47A	5.67A	4.56A	5.8A	4.67A	5.90A	4.75A	5.99A	4.82A
Module Efficiency STC (%)	14.88%		15.28%		15.67%		16.06%		16.45%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	600VDC (UL)									
Maximum series fuse rating	10A									
Power tolerance	±3% / -0~+3% (Based on customer requirements and contract terms)									
Temperature coefficients of Pmax	-0.41%/°C									
Temperature coefficients of Voc	-0.30%/°C									
Temperature coefficients of Isc	0.05%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

STC: Irradiance 1000W/m² Module Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Module Temperature 20°C AM=1.5 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%