

# JKM200M-72

## MONO CRYSTALLINE MODULE

### 170-200 Watt

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

#### KEY FEATURES



Our solar cells offer high conversion efficiency to ensure the highest quality

Our high performing modules have an industry low tolerance of +/- 3%

The modules can withstand high wind-pressure, snow loads and extreme temperatures

Passed IEC 5400 Pa mechanical loading test

#### QUALITY & SAFETY

Industry leading power output warranty (12/90%, 25/80%)

5-year warranty on product materials and processing technology

ISO 9001:2008 (Quality Management System) certified factory

IEC61215、IEC61730 certified products



#### APPLICATIONS



On-grid residential roof-tops



On-grid commercial/ industrial roof-tops

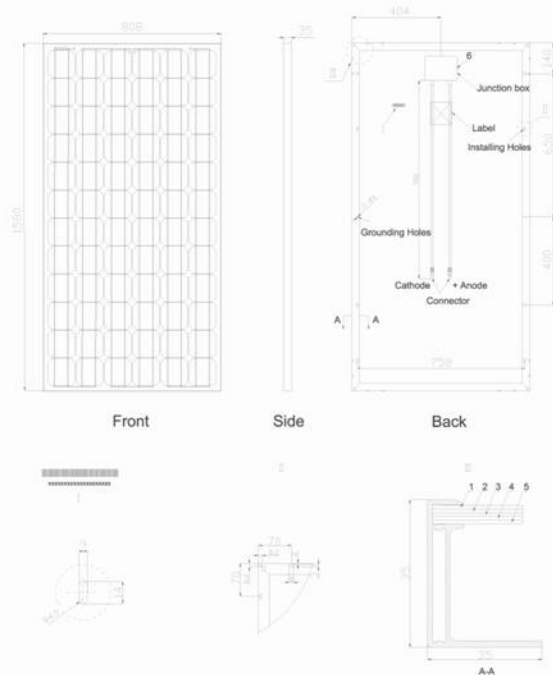


Solar power plants



Off-grid systems

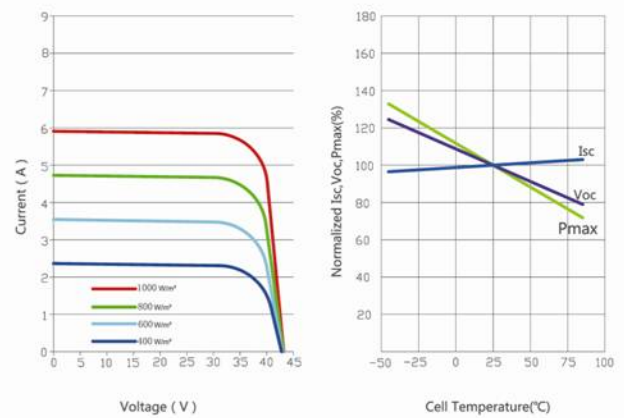
## Engineering Drawings



## Packaging Configuration

Quantity/Pallet, Quantity/40'ft Container	28 pcs/pallet ,784 pcs/40'ft
Quantity/Pallet, Quantity/20'ft Container	28 pcs/pallet ,336 pcs/20'ft

## I-V Curves & Temperature Dependence of Isc,Voc,Pmax



## 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 1×4.0mm² / UL 12AWG, Length:900mm

## SPECIFICATIONS

Module Type	JKM-170M	JKM-175M	JKM-180M	JKM-185M	JKM-190M (R165)	JKM-195M (R165)	JKM-200M (R165)
Maximum Power at STC(Pmax)	170Wp	175Wp	180Wp	185Wp	190Wp	195Wp	200Wp
Maximum Power Voltage (Vmp)	35.5V	35.8V	36V	36.4V	36.6V	36.8V	36.9V
Maximum Power Current (Imp)	4.79A	4.9A	5A	5.09A	5.19A	5.30A	5.42A
Open-circuit Voltage (Voc)	44.3V	44.7V	44.8V	45V	45.2V	45.4V	45.6V
Short-circuit Current (Isc)	5.12A	5.23A	5.29A	5.43A	5.56A	5.67A	5.80A
Cell Efficiency(%)	16.25%	16.75%	17.25%	17.75%	17.50%	18.00%	18.25%
Module Efficiency(%)	13.32%	13.71%	14.10%	14.49%	14.88%	15.28%	15.67%
Operating Temperature(°C)	-40°C~+85°C						
Maximum system voltage	600V (UL) /1000V (IEC) DC						
Maximum rated current series	10A						
Power tolerance	±3%						
Temperature coefficients of Pmax	-0.47%/°C						
Temperature coefficients of Voc	-0.35%/°C						
Temperature coefficients of Isc	0.05%/°C						
Nominal operating cell temperature (NOCT)	48±2°C						

STC: Irradiance 1000W/m²



Module Temperature 25°C



AM=1.5