



JKM185M-72
160/ 165/ 170/ 175/ 180/ 185W

160-185Watt MONO CRYSTALLINE MODULE



Jinko Solar introduces all new line of high performance modules in wide application ranging from 20 watts to 280 watts .

KEY FEATURES

- Our solar cells offer high conversion efficiency to ensure high quality
- Our high performing modules have an industry low tolerance of +/- 3%
- Can withstand high wind-pressure, snow load and extreme temperature
- Passed IEC 2400 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 9001:2000 (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 system
- Other on-grid applications

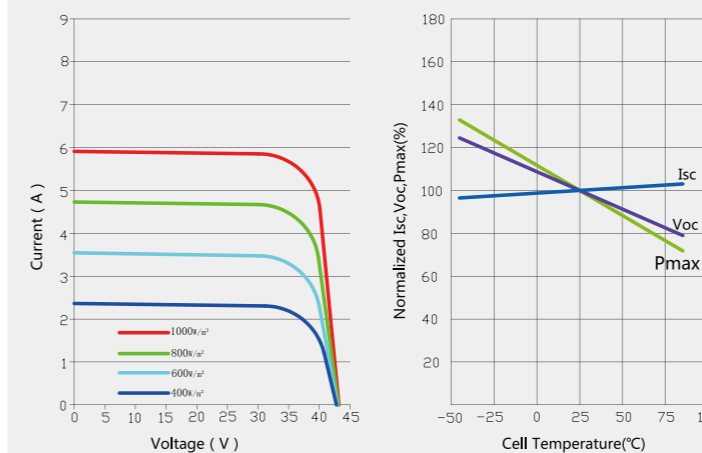


SPECIFICATIONS

| Model Type | JKM-160M | JKM-165M | JKM-170M | JKM-175M | JKM-180M | JKM-185M |
|---|--------------------------------|----------|----------|----------|----------|----------|
| Maximum Power (Pmax) | 160Wp | 165Wp | 170Wp | 175Wp | 180Wp | 185Wp |
| Maximum Power Voltage (Vmp) | 35V | 35V | 35.5V | 35.5V | 36V | 36V |
| Maximum Power Current (Imp) | 4.57A | 4.71A | 4.79A | 4.93A | 5A | 5.14A |
| Open-Circuit Voltage (Voc) | 42V | 42V | 42.6V | 42.6V | 43.2V | 43.2V |
| Short-Circuit Current (Isc) | 5.12A | 5.28A | 5.36A | 5.52A | 5.6A | 5.76A |
| No. of Diode | 3 | | | | | |
| Maximum System Voltage | 600V (UL) /1000V (TUV, VDE) DC | | | | | |
| Maximum Series Fuse Rating | 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

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 | 1580×808×45mm (62.20×31.81×1.77 inch) |
| Weight | 15.5kg (34.2 lbs.) |
| Front Glass | 3.2mm High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP67 Rated |
| Output Cables | TUV 1×4.0mm2 Length 900mm |

Packaging Configuration

| | |
|-----------------------|--------------------------------|
| Packing Configuration | 2 pcs / box |
| Quantity / Pallet | 22 boxes / pallet |
| Loading Quantity | 220 pcs/20 ft or 616 pcs/40 ft |

Engineering Drawings

