



JKM265M-96

MONO CRYSTALLINE MODULE

235-265 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

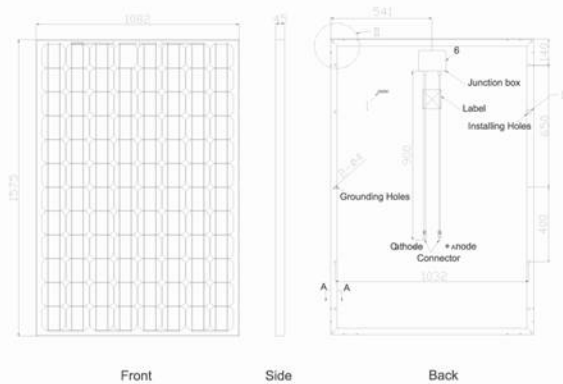


Solar power plants



Off-grid systems

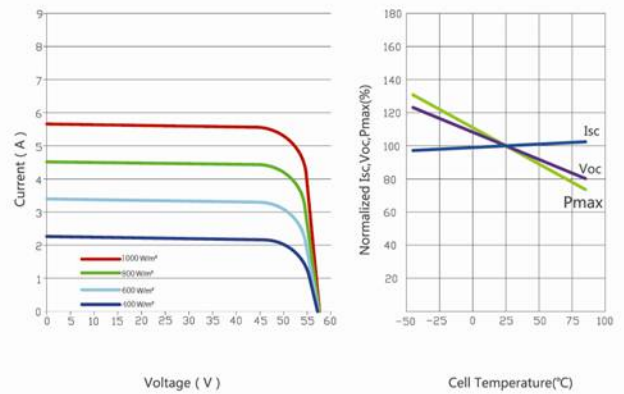
Engineering Drawings



Packaging Configuration

Quantity/Pallet , Quantity/40'HQ Container 24 pcs/pallet ,672 pcs/40'HQ
 Quantity/Pallet , Quantity/20'ft Container 20 pcs/pallet ,240 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 | 96 (8×12) |
| Dimensions | 1575×1082×45mm (62.01×42.60×1.77 inch) |
| Weight | 20kg (44.1 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 , Length:900mm |

SPECIFICATIONS

| Module Type | JKM-235M | JKM-240M | JKM-245M(R165) | JKM-250M(R165) | JKM-255M(R165) | JKM-260M(R165) | JKM-265M(R165) |
|---|----------------|----------|----------------|----------------|----------------|----------------|----------------|
| Maximum Power at STC(Pmax) | 235Wp | 240Wp | 245Wp | 250Wp | 255Wp | 260Wp | 265Wp |
| Maximum Power Voltage (Vmp) | 48.8V | 49V | 49.1V | 49.5V | 50V | 50.5V | 51V |
| Maximum Power Current (Imp) | 4.81A | 4.89A | 4.99A | 5.05A | 5.10A | 5.15A | 5.20A |
| Open-circuit Voltage (Voc) | 59.2V | 59.5V | 59.7V | 59.9V | 60.5V | 61.1V | 61.7V |
| Short-circuit Current (Isc) | 5.27A | 5.35A | 5.5A | 5.61A | 5.66A | 5.72A | 5.77A |
| Cell Efficiency(%) | 16.75% | 17.25% | 16.75% | 17.25% | 17.50% | 18.00% | 18.25% |
| Module Efficiency(%) | 13.79% | 14.08% | 14.38% | 14.67% | 14.97% | 15.26% | 15.56% |
| Operating Temperature(°C) | -40°C~+85°C | | | | | | |
| Maximum system voltage | 1000V (IEC) DC | | | | | | |
| Maximum rated current series | 15A | | | | | | |
| Power tolerance | ±3% | | | | | | |
| Temperature coefficients of Pmax | -0.43%/°C | | | | | | |
| Temperature coefficients of Voc | -0.33%/°C | | | | | | |
| Temperature coefficients of Isc | 0.04%/°C | | | | | | |
| Nominal operating cell temperature (NOCT) | 48±2°C | | | | | | |

STC: Irradiance 1000W/m²

Module Temperature 25°C

AM=1.5