

JKM275M-96






MONO CRYSTALLINE MODULE
255-275 Watt

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

(US Market Use Only)



KEY FEATURES

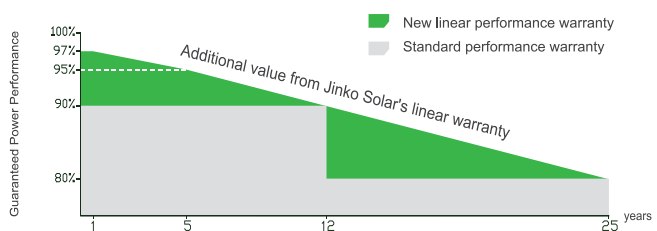
-  High module conversion efficiency (up to 16.14%), through superior manufacturing technology
-  Withstand high wind load (2400Pa) and snow load (5400Pa)
-  Anti-reflective coating improves light absorption and reduces surface dust
-  Low nominal operating cell temperature (NOCT) delivers better power and performance over time
-  Extreme environment durability, low power degradation under high temperature



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

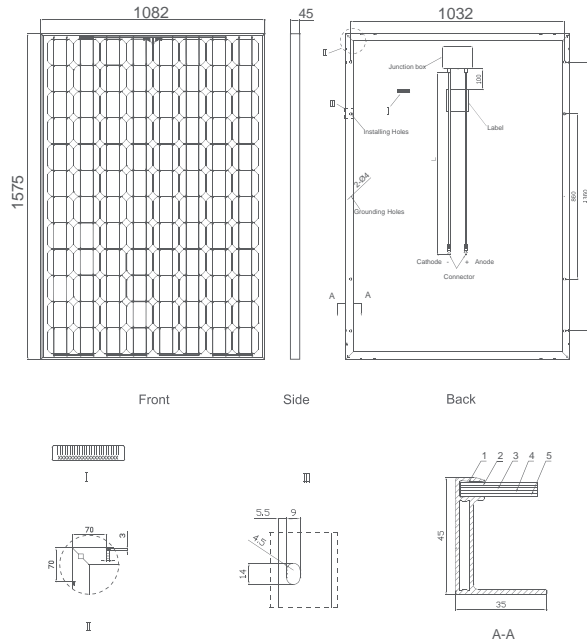


Solar power plants

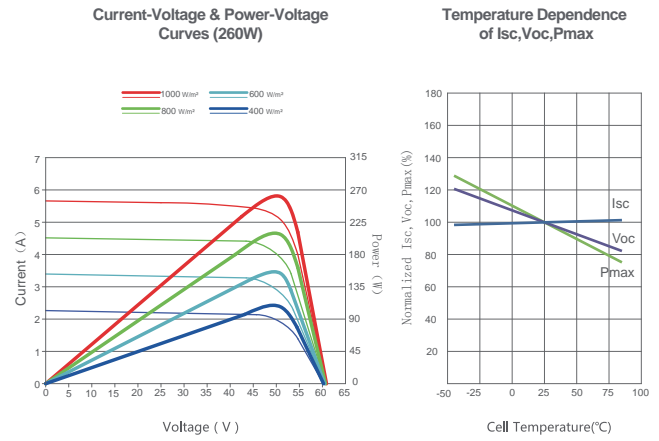


Off-grid systems

Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono-crystalline 125×125mm (5 inch)
No. of cells	96 (8×12)
Dimensions	1575×1082×45mm (61.85×42.63×1.77 inch)
Weight	20.0 kg (44.1 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

Packaging Configuration

(Two boxes =One pallet)

23 pcs/box, 46 pcs/pallet, 644 pcs/40'HQ Container

SPECIFICATIONS

Module Type	JKM255M		JKM260M		JKM265M		JKM270M		JKM275M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	255Wp	188Wp	260Wp	191Wp	265Wp	195Wp	270Wp	199Wp	275Wp	203Wp
Maximum Power Voltage (Vmp)	50.0V	46.2V	50.5V	34.1V	51.0V	47.1V	51.5V	47.6V	51.9V	48.0V
Maximum Power Current (Imp)	5.10A	4.07A	5.15A	4.23A	5.20A	4.14A	5.24A	4.19A	5.30A	4.23A
Open-circuit Voltage (Voc)	60.5V	55.9V	61.1V	56.5V	61.7V	57.1V	62.3V	57.6V	62.8V	58.1V
Short-circuit Current (Isc)	5.66A	4.54A	5.72A	4.59A	5.77A	4.63A	5.82A	4.67A	5.84A	4.69A
Module Efficiency STC (%)	14.97%		15.26%		15.55%		15.85%		16.14%	
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%