

JINKO JKM270PP 270W Solar Module Polycrystalline PV

Description

With manufacturing facilities across 4 countries and a team of over 15,000 employees Jinko is a world leader in solar panel manufacturing.

With a proven track record in delivering highly efficient and reliable modules Jinko provides some of the best solar modules in the world.

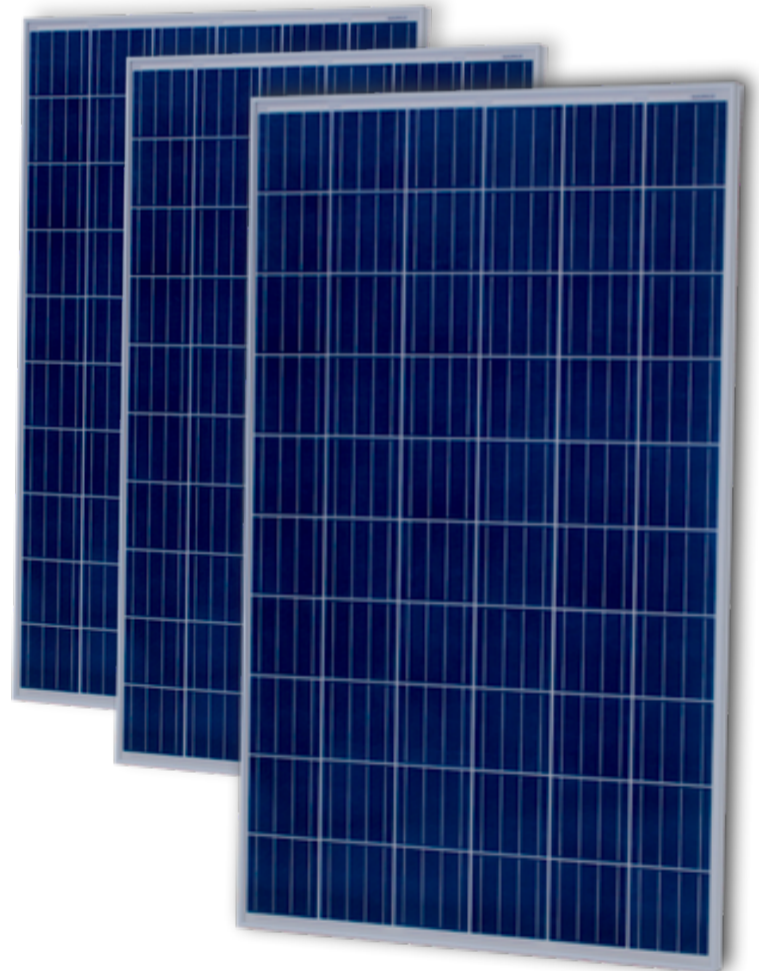
Jinko's JKM270PP Module provides extremely high power output in high temperature climates and comes with a very strong 10 year product warranty.

Key Features

- Excellent low-light performance through advanced glass and surface texturing.
- Light weight at only 19kg per module.
- Certified against high wind loads (2400 pascal), salt-mist and ammonia.
- Improved temperature coefficients for greater production during high temperatures.

Key Benefits

- Ultimate quality control through a vertically integrated manufacturing process.
- 10 year warranty from a leader with over a decade of industry experience and development.
- Designed for the harsh Australian climate to provide great reliability and high efficiency.
- Great support through the Jinko Australian office located in Parramatta NSW.





Specifications: JINKO 270W Solar Module (JKM270PP)

ELECTRICAL DATA (STC)	
Peak Power Watts-PMAX (Wp) Open	270
Power Output Tolerance-PMAX (W)	0~+3
Maximum Power Voltage-VMPP (V)	31.7
Maximum Power Current-IMPP (A)	8.52
Circuit Voltage-VOC (V)	38.8
Short Circuit Current - ISC (A)	9.09
Module Efficiency (%)	16.5

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5.

WARRANTY
10 year Product Workmanship Warranty
25 year Linear Power Warranty

MAXIMUM RATINGS	
Maximum System Voltage	1000V DC
Maximum Output Current - I _{MAX} (A)	15
Wind Load Resistance (Pascal)	2400

ELECTRICAL DATA (NOCT)	
Maximum Power-PMAX (Wp)	202
Maximum Power Voltage-VMPP (V)	29.0
Maximum Power Current-IMPP (A)	6.97
Open Circuit Voltage-VOC (V)	35.6
Short Circuit Current-ISC (A)	7.35

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1 m/s.

TEMPERATURE RATINGS	
Operational Temperature	-40~+85°C
Nominal Operating Cell Temperature	45°C(± 2°C)
Temperature Coef cient of P _{MAX}	- 0.40%/°C
Temperature Coef cient of V _{OC}	- 0.30%/°C
Temperature Coef cient of I _{SC}	0.06%/°C

MECHANICAL DATA	
Solar Cells	Polycrystalline 156 × 156 mm (6 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	1650 × 992 × 40 mm (65.0 x 39.1 x 1.57 inches)
Weight	19 kg (41.9 lb)
Glass	3.2 mm (0.13 inches), High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
J-Box	IP 67 rated
Cables	TÜV 1×4.0mm ² , Length: 900mm or Customized Length
Connector	MC4 Compatible
PID Guarantee	Double 85 certified PID Free under the conditions of 85°C / 85% RH