



JKM290P-72

POLY CRYSTALLINE MODULE

260-290 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 years/90%, 25 years/80%)

5-year warranty on product materials and processing technology

ISO 9001:2008 (Quality Management System) certified factory

IEC61215、IEC61730 certified products



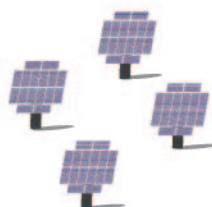
APPLICATIONS



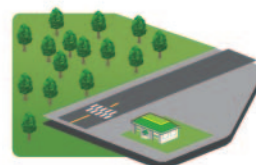
On-grid residential roof-tops



On-grid commercial/
industrial roof-tops

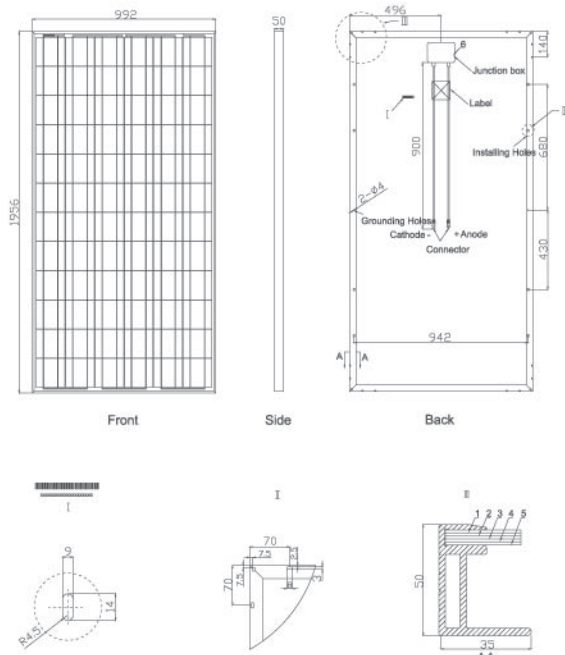


Solar power plants



Off-grid systems

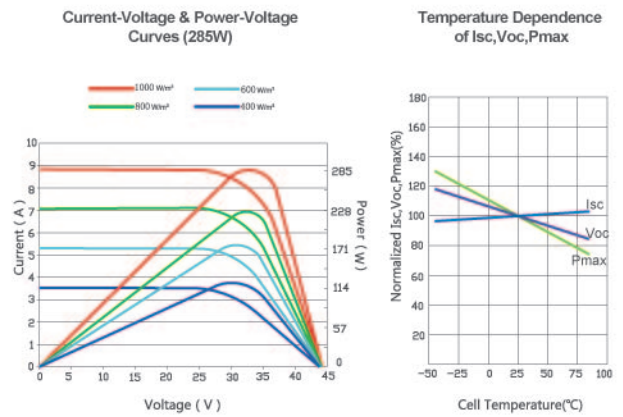
Engineering Drawings



Packaging Configuration

Quantity/Pallet , Quantity/40'HQ Container	21 pcs/pallet ,462 pcs/40'HQ
Quantity/Pallet , Quantity/20'ft Container	18 pcs/pallet ,180 pcs/20'ft

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No.of cells	72 (6×12)
Dimensions	1956×992×50mm (77.01×39.06×1.97 inch)
Weight	27.0 kg (59.5 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-260P	JKM-265P	JKM-270P	JKM-275P	JKM-280P	JKM-285P	JKM-290P
Maximum Power at STC(Pmax)	260Wp	265Wp	270Wp	275Wp	280Wp	285Wp	290Wp
Maximum Power Voltage (Vmp)	35.0V	35.1V	35.2V	35.4V	35.5V	36V	36.4V
Maximum Power Current (Imp)	7.43A	7.55A	7.67A	7.77A	7.89A	7.92A	7.97A
Open-circuit Voltage (Voc)	43.9V	44.1V	44.2V	44.4V	44.5V	44.7V	44.9V
Short-circuit Current (Isc)	8.30A	8.42A	8.59A	8.70A	8.81A	8.85A	8.89A
Cell Efficiency(%)	15.25%	15.50%	15.75%	16.00%	16.50%	16.75%	17.00%
Module Efficiency(%)	13.40%	13.65%	13.92%	14.17%	14.43%	14.69%	14.95%
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	-0.45%/°C						
Temperature coefficients of Voc	-0.27%/°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