

# JKM310PP-72






## POLY CRYSTALLINE MODULE

### 290-310 Watt

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



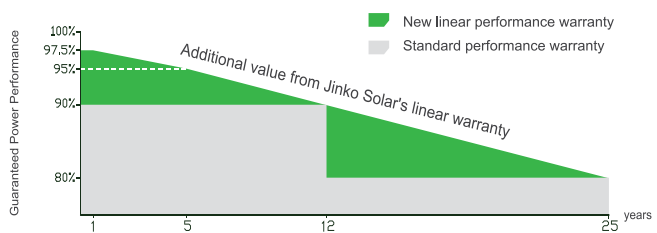
### KEY FEATURES

-  Worldwide first PID free module under 85 °C /85% RH condition: No power loss caused by potential induced degradation
-  Polycrystalline 72-cell module achieves a power output up to 310Wp
-  Entire module certified to withstand high wind loads (2400 Pascal)
-  Excellent low light performance thanks to optimize solar cell design
-  Passing anti ammonia and anti salt mist guarantees to deliver full performance in coastal or agricultural areas

### 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  
IEC61215 · IEC61730 · IEC61701 · IEC62716 certified products

### APPLICATIONS



On-grid residential roof-tops



On-grid commercial/industrial roof-tops

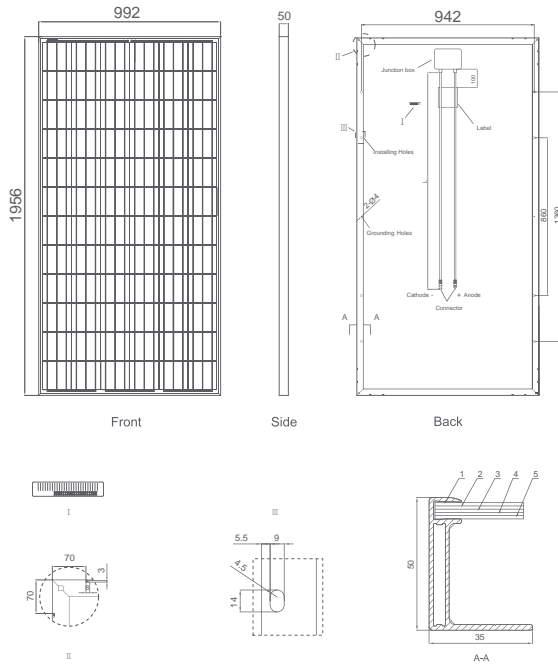


Solar power plants



Off-grid systems

## Engineering Drawings

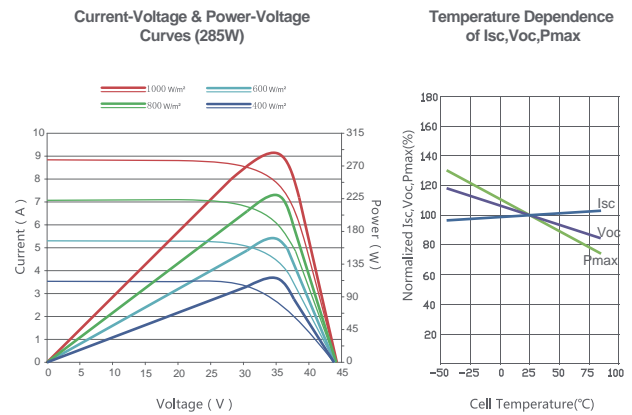


## Packaging Configuration

(Two boxes = One pallet)

20 pcs/box, 40 pcs/pallet, 440 pcs/40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×50mm (77.01×39.05×1.97 inch)
Weight	27.0 kg (59.5 lbs.)
Front Glass	4.0mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm <sup>2</sup> , Length:900mm~1200mm(optional)

## SPECIFICATIONS

Module Type	JKM290PP		JKM295PP		JKM300PP		JKM305PP		JKM310PP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	290Wp	214Wp	295Wp	218Wp	300Wp	221Wp	305Wp	225Wp	310Wp	230Wp
Maximum Power Voltage (Vmp)	35.8V	32.5V	36.2V	32.9V	36.6V	33.2V	36.8V	33.5V	37.0V	33.8V
Maximum Power Current (Imp)	8.11A	6.59A	8.15A	6.63A	8.20A	6.67A	8.30A	6.72A	8.38A	6.81A
Open-circuit Voltage (Voc)	44.9V	40.2V	45.1V	40.8V	45.3V	41.5V	45.6V	42.1V	45.9V	42.6V
Short-circuit Current (Isc)	8.69A	7.14A	8.76A	7.15A	8.84A	7.18A	8.91A	7.22A	8.96A	7.26A
Module Efficiency STC (%)	14.95%		15.20%		15.46%		15.72%		15.98%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	15A									
Power tolerance	±3% (Based on customer requirements and contract terms)									
Temperature coefficients of Pmax	-0.42%/°C									
Temperature coefficients of Voc	-0.31%/°C									
Temperature coefficients of Isc	0.06%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

STC: Irradiance 1000W/m<sup>2</sup> Module Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup> Module Temperature 20°C AM=1.5 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%