

# JKM270P-60 255-270 Watt

Poly Crystalline Module



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POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 certified factory.

IEC61215, IEC61730 certified products.

(4BB)



## KEY FEATURES



### 4 Busbar Solar Cell:

4 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



### High Efficiency:

High module conversion efficiency (up to 16.50%), through innovative manufacturing technology.



### Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



### Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

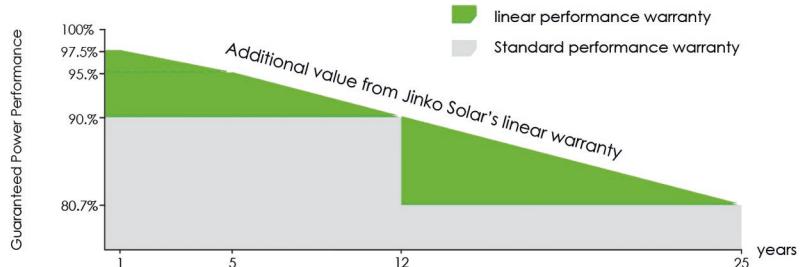


### Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

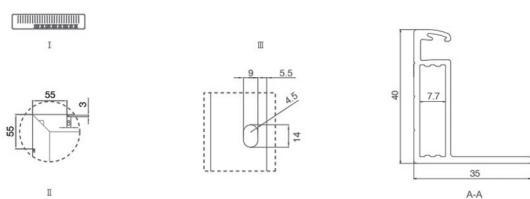
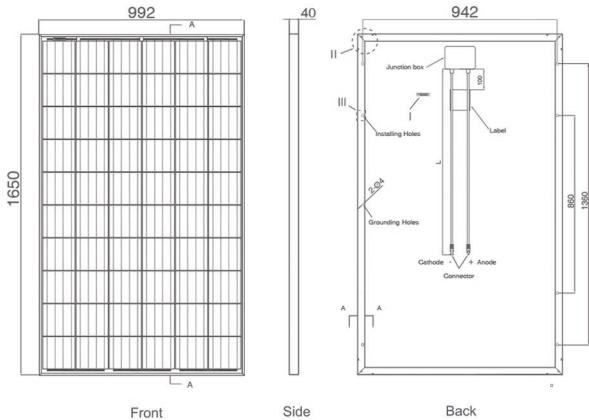


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## Engineering Drawings



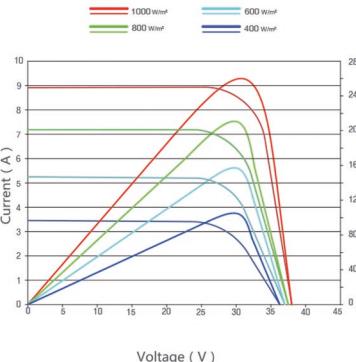
## Packaging Configuration

( Two boxes=One pallet )

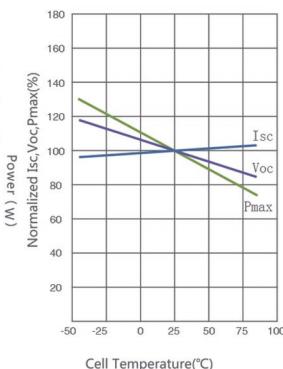
25pcs/ box, 50pcs/pallet, 700 pcs/40'HQ Container

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (260W)



Temperature Dependence of Isc,Voc,Pmax



## Mechanical Characteristics

Cell Type Poly-crystalline 156×156mm (6 inch)

No.of cells 60 (6×10)

Dimensions 1650×992×40mm (65.00×39.05×1.57 inch)

Weight 19.0 kg (41.9 lbs)

Front Glass 3.2mm, High Transmission, Low Iron, Tempered Glass

Frame Anodized Aluminum Alloy

Junction Box IP67 Rated

Output Cables TÜV 1×4.0mm<sup>2</sup>, Length: 900mm or Customized Length

## SPECIFICATIONS

Module Type	JKM255P		JKM260P		JKM265P		JKM270P							
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT						
Maximum Power (Pmax)	255Wp	189 Wp	260Wp	193Wp	265Wp	197Wp	270Wp	200Wp						
Maximum Power Voltage (Vmp)	30.8V	28.5V	31.1V	28.7V	31.4V	29.0V	31.7V	29.4V						
Maximum Power Current (Imp)	8.28A	6.63A	8.37A	6.71A	8.44A	6.78A	8.52A	6.80A						
Open-circuit Voltage (Voc)	38.0V	35.2V	38.1V	35.2V	38.6V	35.3V	38.8V	35.4V						
Short-circuit Current (Isc)	8.92A	7.26A	8.98A	7.31A	9.03A	7.36A	9.09A	7.38A						
Module Efficiency STC (%)	15.57%		15.88%		16.19%		16.50%							
Operating Temperature(°C)	-40°C~+85°C													
Maximum system voltage	1000VDC (IEC)													
Maximum series fuse rating	15A													
Power tolerance	0~+3%													
Temperature coefficients of Pmax	-0.41%/°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>

Cell Temperature 25°C

AM=1.5

NOCT: ☀ Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

\* Power measurement tolerance: ± 3%

The company reserves the final right for explanation on any of the information presented hereby. EN-MKT-270P\_v1.0\_rev2015