

JKM270P-60

250-270 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008、ISO14001:2004、OHSAS18001
certified factory.
UL1703 certified products.
(North America Market Use Only)

KEY FEATURES



Innovative Solar Cells

Four bus-bar cell technology provides a more robust and powerful module ideal for rooftop applications



Higher Module Efficiency

Polycrystalline 60-cell module with power output available to 270W (16.50% conversion efficiency)



Low-Light Performance

Improved low light performance through advancements in glass technology and surface texturing



Strong and Durable

Tested and tried to endure up to 5400Pa positive and 2400Pa negative loads

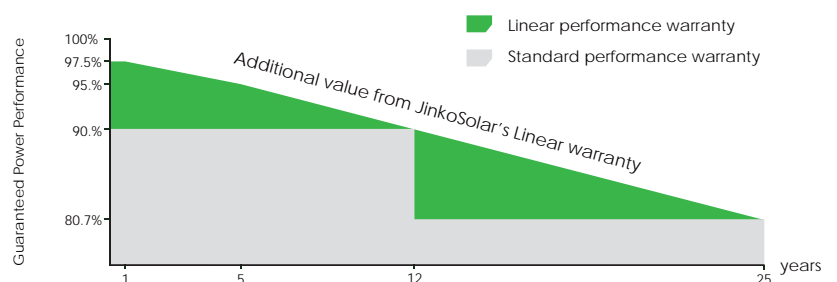


Weather Resistance

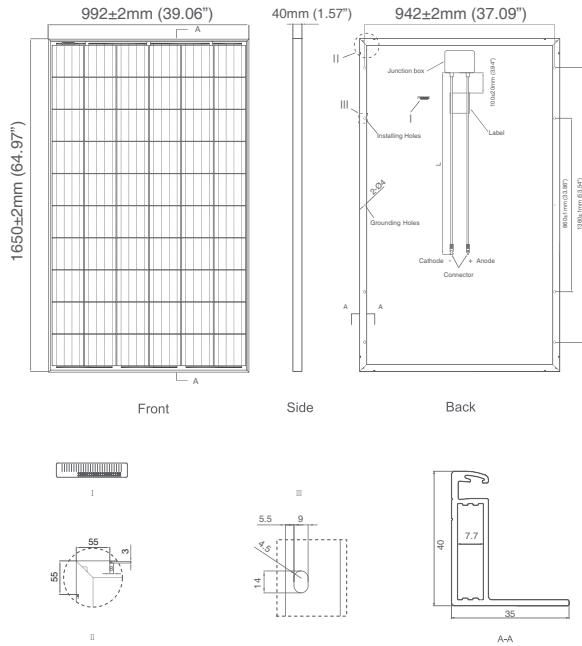
Certified by TUV for high salt mist and ammonia resistance

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



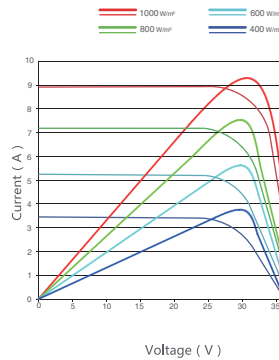
Packaging Configuration

(Two boxes=One pallet)

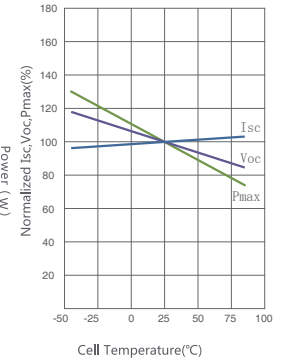
25pcs/ box, 50pcs/pallet, 700 pcs/40'HQ Container

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 (64.97×39.06×1.57 inch)
Weight	19.0 kg (41.9 lbs)
Front Glass	3.2mm, High Transmission, Low Iron, AR Coating Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	12 AWG, Length:900mm (35.43 inch)
Fire Type	Type 1

SPECIFICATIONS

Module Type	JKM250P		JKM255P		JKM260P		JKM265P		JKM270P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	250Wp	184Wp	255Wp	189 Wp	260Wp	193Wp	265Wp	197Wp	270Wp	200Wp
Maximum Power Voltage (Vmp)	30.5V	28.0V	30.8V	28.5V	31.1V	28.7V	31.4V	29.0V	31.7V	29.4V
Maximum Power Current (Imp)	8.20A	6.56A	8.28A	6.63A	8.37A	6.71A	8.44A	6.78A	8.52A	6.80A
Open-circuit Voltage (Voc)	37.7V	34.9V	38.0V	35.2V	38.1V	35.2V	38.6V	35.3V	38.8V	35.4V
Short-circuit Current (Isc)	8.85A	7.21A	8.92A	7.26A	8.98A	7.31A	9.03A	7.36A	9.09A	7.38A
Module Efficiency STC (%)	15.27%		15.58%		15.89%		16.19%		16.50%	
Operating Temperature(°C)	-40°C~-+85°C									
Maximum system voltage	1000VDC (UL)									
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/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: ± 3%

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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