

JKM270PP-60

255-270 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



More Power

Polycrystalline 60-cell module with power output available to 270W



PID-FREE Guarantee

Power degradation caused by PID is guaranteed*



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



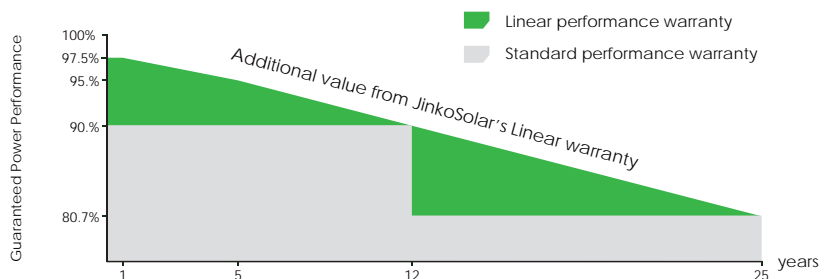
Better Performance in Hot Climates

Improved temperature coefficients mitigates power loss in hotter climate installations

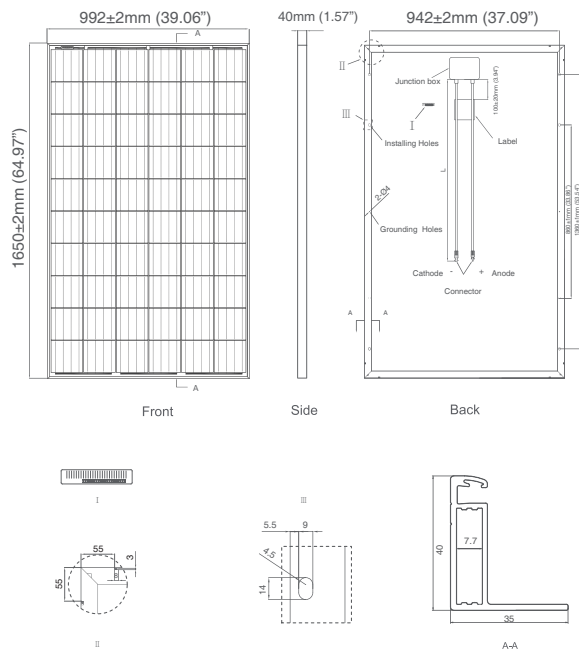
* Limited power degradation caused by the PID effect is guaranteed under 60 C/85% RH condition for mass production Eagle modules

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



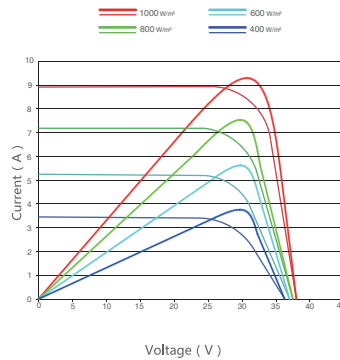
Packaging Configuration

(Two boxes=One pallet)

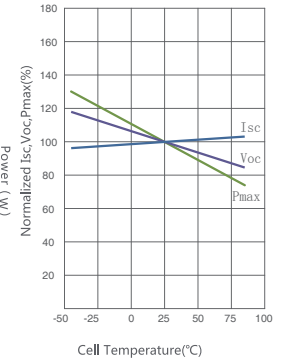
25pcs/ box, 50pcs/pallet, 700 pcs/40'HQ Container

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, Tempered Glass
Frame	Anodized Aluminium Alloy (Silver/Black)
Junction Box	IP67 Rated
Output Cables	12 AWG, Length:900mm
Fire Type	Type 1

SPECIFICATIONS

Module Type	JKM255PP		JKM260PP		JKM265PP		JKM270PP	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	255Wp	190Wp	260Wp	194Wp	265Wp	198Wp	270Wp	202Wp
Maximum Power Voltage (Vmp)	30.8V	28.1V	31.1V	28.3V	31.4V	28.7V	31.7V	29.0V
Maximum Power Current (Imp)	8.28A	6.75A	8.37A	6.84A	8.44A	6.91A	8.52A	6.97A
Open-circuit Voltage (Voc)	38.0V	35.0V	38.1V	35.1V	38.6V	35.3V	38.8V	35.6V
Short-circuit Current (Isc)	8.92A	7.22A	8.98A	7.26A	9.03A	7.31A	9.09A	7.35A
Module Efficiency STC (%)	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	-0.40%/°C							
Temperature coefficients of Voc	-0.30%/°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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