

# JKM270PP-60

## 255-270 Watt

### POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.  
IEC61215、IEC61730 certified products.



## KEY FEATURES



### High Power Output:

Polycrystalline 60-cell module achieves a power output up to 270Wp.



### Anti-PID Guarantee:

Limited power degradation of Eagle module caused by PID effect is guaranteed under 60 C/85% RH condition for mass production.



### Low-light Performance:

Advanced glass and 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.

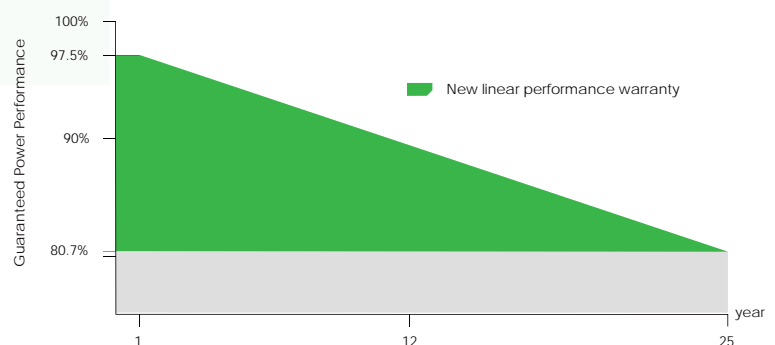


### Temperature Coefficient:

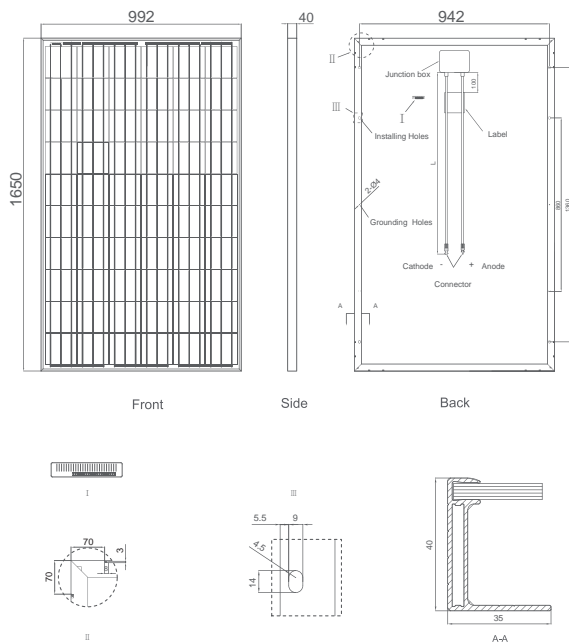
Improved temperature coefficient decreases power loss during high temperatures.

## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

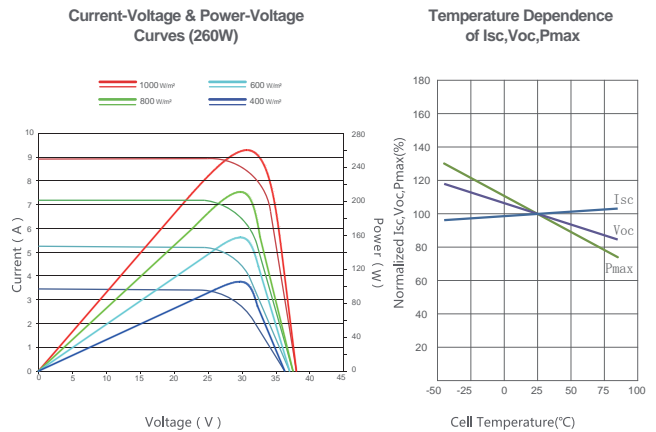


## Packaging Configuration

(Two boxes=One pallet)

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

## Electrical Performance & Temperature Dependence



## 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 Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm <sup>2</sup> , Length:900mm

## 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 (IEC)							
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/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%