

JKMS280PP-60-MX

260-280 Watt

POLYCRYSTALLINE MODULE
Power Optimized

Positive power tolerance of 0~+3%

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



(5BB)



KEY FEATURES



Output-Voltage Limiting

Integrated Voltage/Current-Limiting Clamps Output Voltage/Current which reduces the overall system BOS.



Shade Tolerance

MPPT on individual cell-strings optimizes energy harvest



Built-in Cell Optimizer

No additional electronics or hardware required; allows for simple installation



Innovative Solar Cells

Five busbar polycrystalline cell technology improves module efficiency



PID RESISTANT:

Limited power degradation of Eagle module caused by PID effect is guaranteed under strict testing condition (85 C /85%RH,96hours)for mass production.



Low-Light Performance

Advanced glass technology improves light absorption and retention

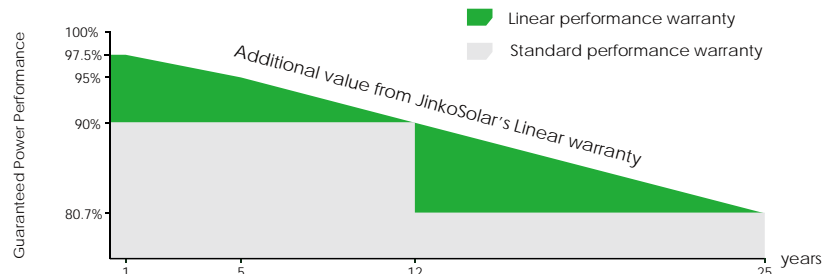


Strength and Durability

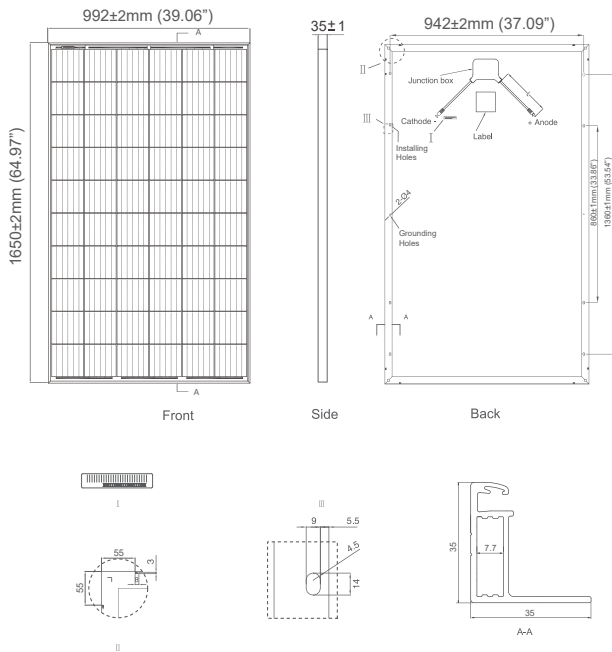
Certified for high snow (5400Pa) and wind (2400Pa) loads

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

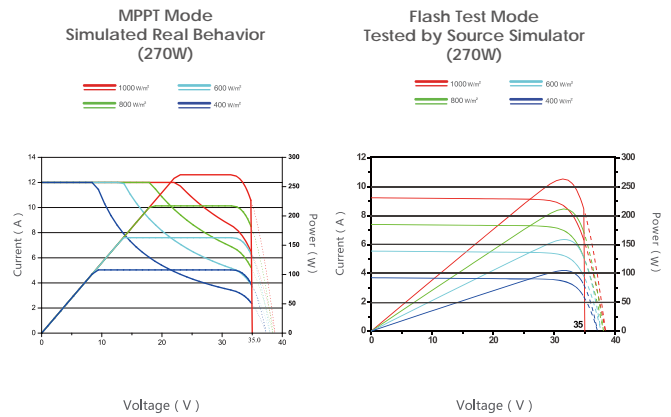


Packaging Configuration

(Two pallets = One stack)

30pcs/pallet, 60pcs/stack, 840 pcs/40'HQ Container

Electrical Performance



Mechanical Characteristics

Cell Type	Polycrystalline 156×156mm (6 inch)
No. of Cells	60 (6×10)
Dimensions	1650×992×35mm (65.00×39.05×1.37 inch)
Weight	19.0 kg (41.9 lbs.)
Front Glass	3.2mm, Anti-reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TüV 1×4.0mm², Length: 900mm or Customized Length

SPECIFICATIONS

Module Type	JKMS260PP-60-MX		JKMS265PP-60-MX		JKMS270PP-60-MX		JKMS275PP-60-MX		JKMS280PP-60-MX	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	260Wp	194Wp	265Wp	198Wp	270Wp	202Wp	275Wp	205Wp	280Wp	209Wp
Maximum Power Voltage (Vmp)	29.5V	26.9V	29.8V	27.3V	30.1V	27.5V	30.5V	27.8V	30.7V	28.1V
Maximum Power Current (Imp)	8.81A	7.20A	8.88A	7.27A	8.97A	7.34A	9.06A	7.37A	9.15A	7.43A
Open-circuit Voltage (Voc)	35.0V	33.3V	35.0V	33.5V	35.0V	33.8V	35.0V	34.1V	35.0V	34.3V
Short-circuit Current (Isc)	12.0A	7.64A	12.0A	7.69A	12.0A	7.74A	12.0A	7.76A	12.0A	7.81A
Module Efficiency STC (%)	15.88%		16.19%		16.50%		16.80%		17.11%	
Maximum series fuse rating	20A									
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (UL and IEC)									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.40%/°C									
Temperature Coefficients of Voc	-0.31% C for VOC ≤ 35.0V 0.0% C for VOC > 35.0V									
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%