

# Eagle MX 60 G2

## 260-280 Watt

POLYCRYSTALLINE MODULE  
Power Optimized

Positive power tolerance of 0~+3%



Optimized by  
**MI** maxim  
integrated..



### KEY FEATURES



#### Voltage Limiting Feature

Allows for longer strings; reduces overall 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 Free

World's 1<sup>st</sup> PID-Free module



#### Strength and Durability

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

- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards

Nomenclature:

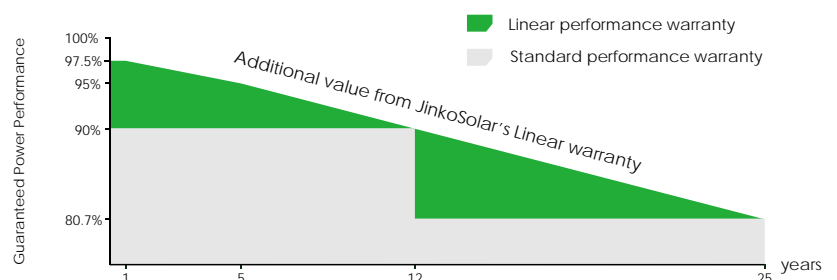
JKMS280PP - 60 - MX

Generation  
Null - Gen 1  
MX - Gen 2

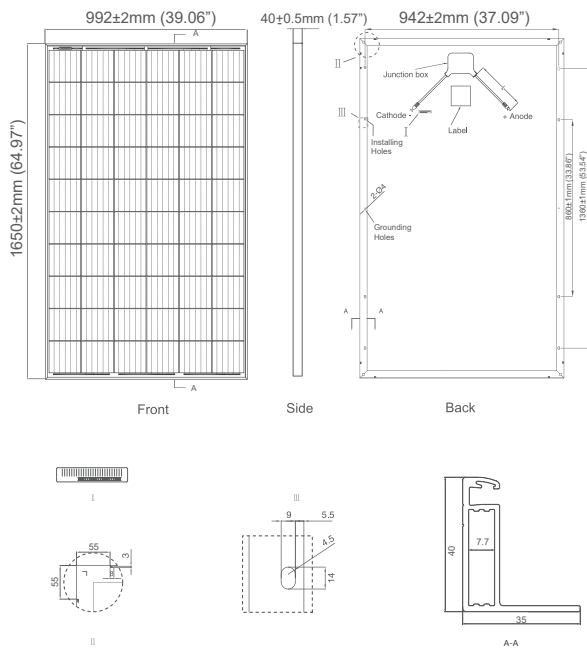


### LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

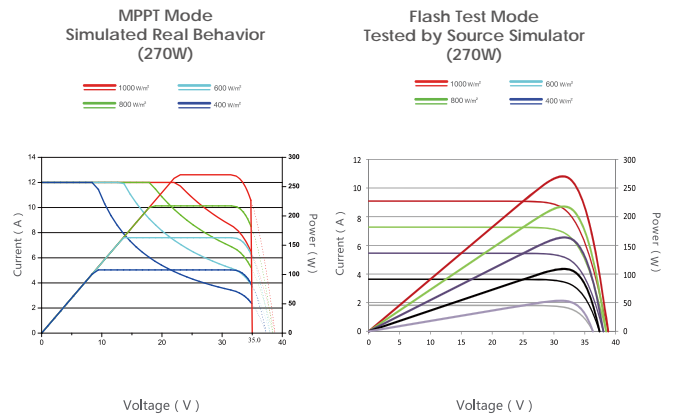


## Packaging Configuration

(Two boxes=One Pallet)

26 pcs/box, 52 pcs/pallet, 728 pcs/40'HQ Container

## Electrical Performance



## Mechanical Characteristics

Cell Type	Polycrystalline 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, Anti-reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	12 AWG, Length: 900mm (35.43 inch)
Fire Type	Type 1

## 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	255Wp	209Wp
Maximum Power Voltage (Vmp)	29.5V	26.9V	29.8V	27.3V	30.1V	27.5V	30.5V	27.8V	32.3V	29.6V
Maximum Power Current (Imp)	8.81A	7.20A	8.88A	7.27A	8.97A	7.34A	9.06A	7.37A	8.69A	7.06A
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)	9.45A	7.64A	9.51A	7.69A	9.57A	7.74A	9.58A	7.76A	9.59A	7.81A
Module Efficiency STC (%)	15.89%		16.19%		16.50%		16.80%		17.11%	
Ioutmax,MPPT					12A					
Ioutmax,Bypass					15A					
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					-0.30%/°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.

© Jinko Solar Co., Ltd. All rights reserved. Specifications included in this datasheet are subject to change without notice. US-JKMS-280PP-60-MX\_1.0\_rev2017