

JKMS365M-72-MX

345-365 Watt

MONO PERC MODULE
Power Optimized

Positive power tolerance of 0~+3%



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



High Efficiency

Higher module conversion efficiency (up to 18.82%) due to Passivated Emmitter Rear Contact (PERC) technology



PID Free

World's 1st PID-Free module



Strength and Durability

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

LINEAR PERFORMANCE WARRANTY

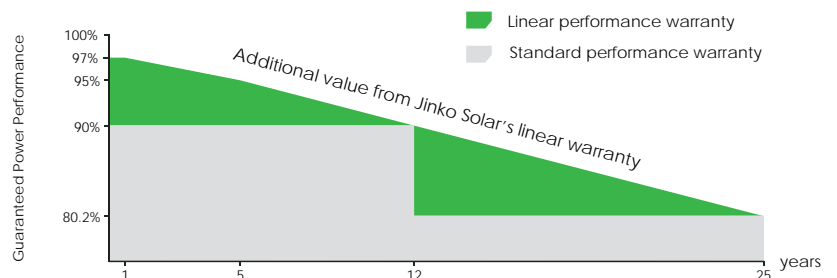
10 Year Product Warranty • 25 Year Linear Power Warranty

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

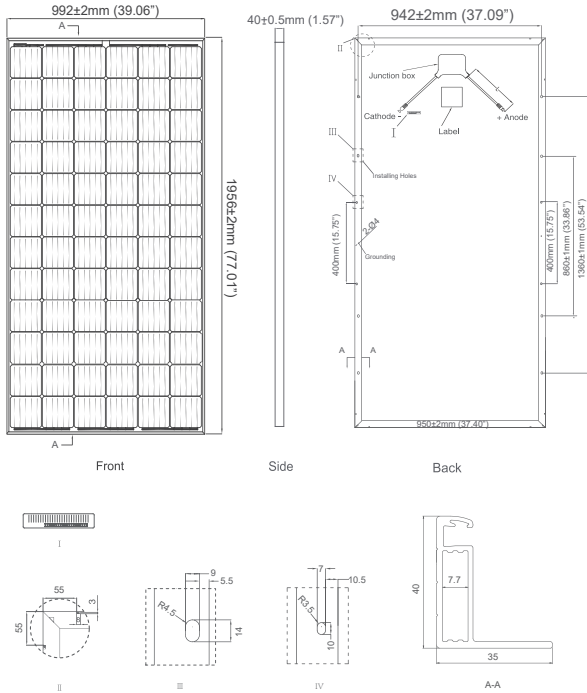
Nomenclature:

JKMS365M - 72 - MX

Generation
Null - Gen 1
MX - Gen 2



Engineering Drawings

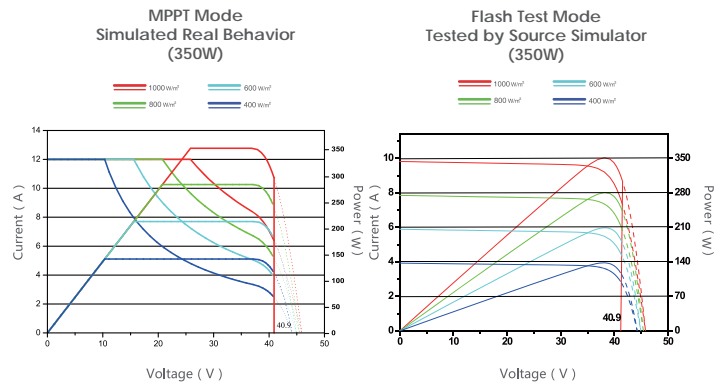


Packaging Configurations

(Two boxes=One Pallet)

26 pcs/box, 52 pcs/pallet, 624 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Monocrystalline PERC 156×156mm (6 inch)
No. of Cells	72 (6×12)
Dimensions	1956x992x40mm (77.01x39.06x1.57 inch)
Weight	26.5 kg (58.4 lbs.)
Front Glass	4.0mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	12 AWG, Length: 1200mm (47.24 inch)
Fire Type	Type 1

SPECIFICATIONS

Module Type	JKMS345M-72-MX		JKMS350M-72-MX		JKMS355M-72-MX		JKMS360M-72-MX		JKMS365M-72-MX	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	345Wp	258Wp	350Wp	262Wp	355Wp	266Wp	360Wp	270Wp	365Wp	274Wp
Maximum Power Voltage (Vmp)	37.0V	37.0V	37.2V	37.2V	37.3V	37.5V	37.5V	37.7V	37.7V	37.9V
Maximum Power Current (Imp)	9.33A	6.98A	9.41A	7.05A	9.52A	7.09A	9.61A	7.17A	9.69A	7.24A
Open-circuit Voltage (Voc)	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V
Short-circuit Current (Isc)	12.0A	7.38A	12.0A	7.46A	12.0A	7.54A	12.0A	7.61A	12.0A	7.68A
Module Efficiency STC (%)	17.78%		18.04%		18.31%		18.57%		18.82%	
Ioutmax,MPPT	12A									
Maximum series fuse rating	20A									
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (UL and IEC)									
Power Tolerance	0~+3%									
Temperature Voefficients of Pmax	-0.39%/°C									
Temperature Voefficients of Voc**	-0.29%/°C for VOC ≤ 40.9V 0.0%/°C for VOC > 40.9V									
Temperature Voefficients of Isc	0.048%/°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%

** This module contains an integrated DC/DC converter with voltage limiting. Module VOC will not exceed 40.9V.

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-JKM-365M-72-PERC-MX_1.0_rev2017