

JKMS355M-72-MX 335-355 Watt

MONO PERC MODULE
Power Optimized

Positive power tolerance of 0~+3%

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



PERC

(5BB)



Optimized by



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 monocrystalline cell technology improves module efficiency



High Efficiency

Higher module conversion efficiency (up to 18.31%) due to Passivated Emmitter Rear Contact (PERC) technology



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

Better light absorption and retention through advancements in glass technology

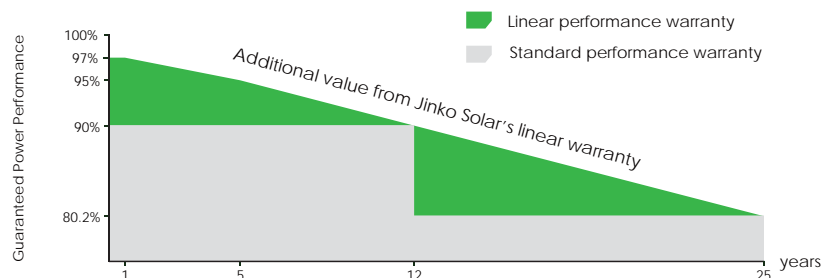


Strength and Durability

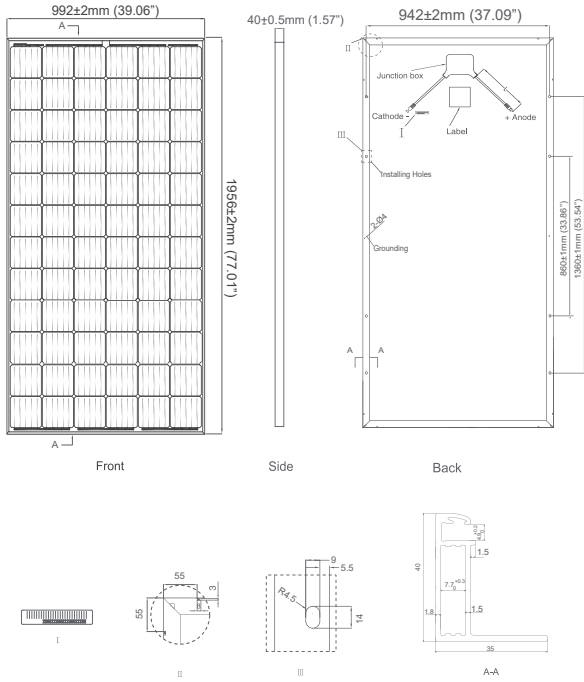
Certified for high snow (5400Pa) and wind (2400Pa) loads

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

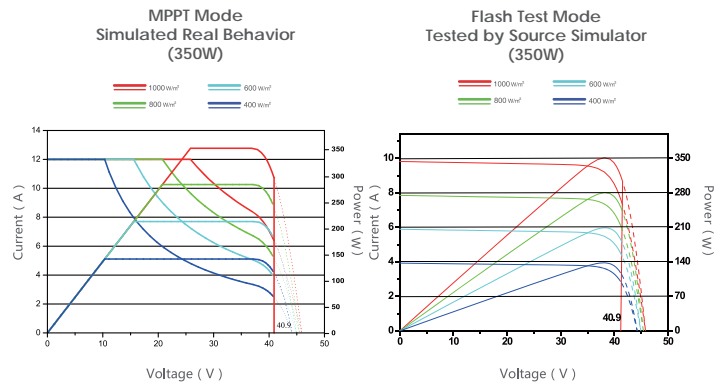


Packaging Configurations

(Two pallets=One stack)

26pcs/pallet , 52pcs/stack, 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	22.5 kg (49.6 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 1×4.0mm, Length:900mm or Customized Length

SPECIFICATIONS

Module Type	JKMS335M-72-MX		JKMS340M-72-MX		JKMS345M-72-MX		JKMS350M-72-MX		JKMS355M-72-MX	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	335Wp	250Wp	340Wp	254Wp	345Wp	258Wp	350Wp	262Wp	355Wp	266Wp
Maximum Power Voltage (Vmp)	36.5V	36.6V	36.8V	36.8V	37.0V	37.0V	37.2V	37.2V	37.3V	37.5V
Maximum Power Current (Imp)	9.18A	6.82A	9.25A	6.89A	9.33A	6.98A	9.41A	7.05A	9.52A	7.09A
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	7.29A	12.0A	7.33A	12.0A	7.38A	12.0A	7.46A	12.0A	7.54A
Module Efficiency STC (%)	17.26%		17.52%		17.78%		18.04%		18.31%	
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	-0.39%/°C									
Temperature Coefficients of Voc	-0.29%/°C for VOC ≤ 40.9V 0.0% C for VOC >40.9V									
Temperature Coefficients 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%