

Eagle 72 345-365 Watt

MONO PERC MODULE

*1500V Available

Positive power tolerance of 0~+3%



KEY FEATURES



Innovative Solar Cells

Five busbar monocrystalline PERC cell technology improves module efficiency



High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



High Efficiency

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



PID Free

World's 1st PID-Free module



Low-Light Performance

Advanced glass technology improves light absorption and retention



Strength and Durability

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



Weather Resistance

Certified for salt mist and ammonia resistance

LINEAR PERFORMANCE WARRANTY

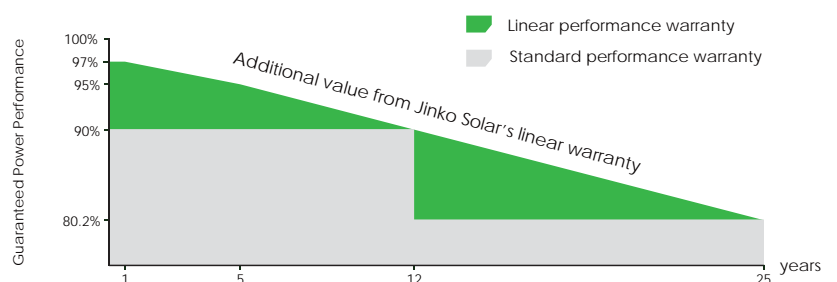
10 Year Product Warranty • 25 Year Linear Power Warranty

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

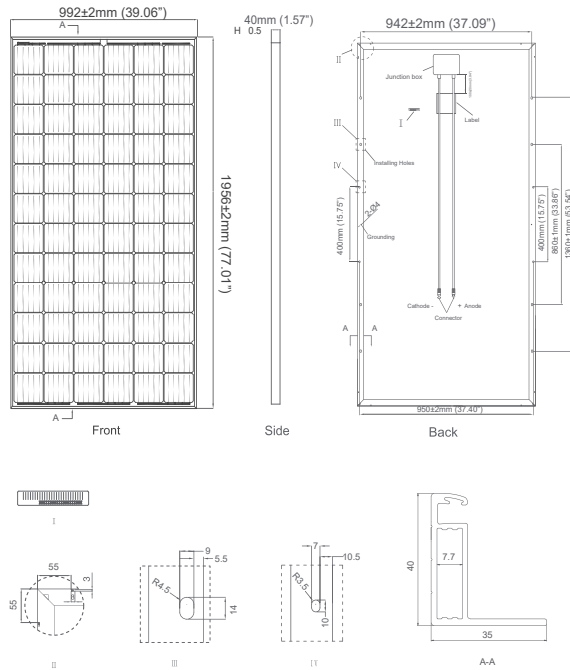
Nomenclature:

JKM365M - 72 - V

Code	Certification
null	1000V
V	1500V



Engineering Drawings

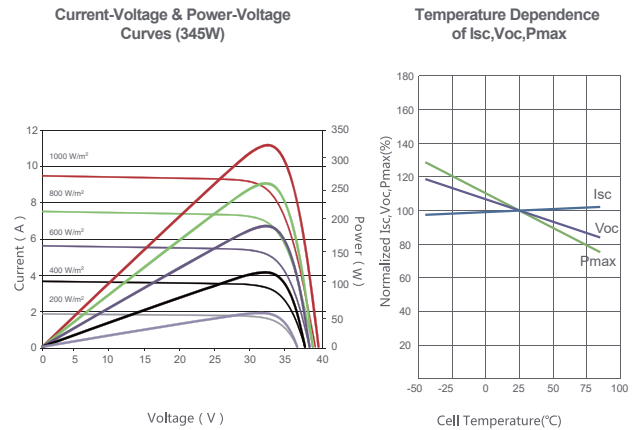


Packaging Configurations

(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	JKM345M-72-V		JKM350M-72-V		JKM355M-72-V		JKM360M-72-V		JKM365M-72-V	
	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)	38.9V	37.0V	39.1V	37.2V	39.3V	37.5V	39.5V	37.7V	39.7V	37.9V
Maximum Power Current (Imp)	8.87A	6.98A	8.94A	7.05A	9.04A	7.09A	9.12A	7.17A	9.20A	7.24A
Open-circuit Voltage (Voc)	47.3V	45.8V	47.5V	46.0V	47.8V	46.2V	48.0V	46.5V	48.2V	46.8V
Short-circuit Current (Isc)	9.31A	7.38A	9.38A	7.46A	9.45A	7.54A	9.51A	7.61A	9.57A	7.68A
Module Efficiency STC (%)	17.78%		18.01%		18.31%		18.57%		18.82%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1500VDC (UL and IEC)									
Maximum Series Fuse Rating	15A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.39%/°C									
Temperature Coefficients of Voc	-0.29%/°C									
Temperature Coefficients of Isc	0.05%/°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.

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US-MKT-365M-72-V_1.0_rev2017