



THE MOST DEPENDABLE SOLAR BRAND

EAGLE 72M G2

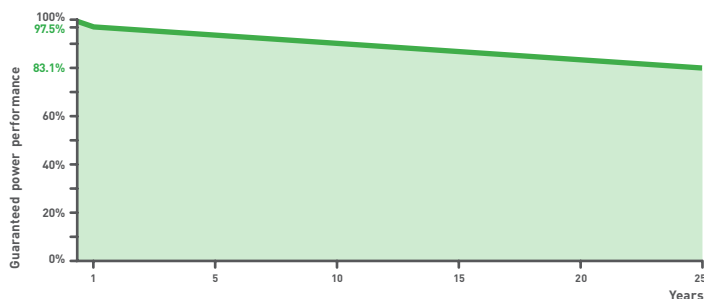
370-390 WATT • MONO PERC MODULE

Positive power tolerance of 0~+3%

- NYSE-listed since 2010, Bloomberg Tier 1 manufacturer
- Best-selling module globally for last 4 years
- Top performance in the strictest 3rd party labs
- 99.9% on-time delivery to the installer
- Automated manufacturing utilizing artificial intelligence
- Vertically integrated, tight controls on quality
- Premium solar panel factories in USA and Malaysia

LINEAR PERFORMANCE WARRANTY

25-Year Performance Warranty



Nomenclature: JKM395M - 72L-V

Code null L	Cell Normal Diamond	Code null V	Certification 1000V 1500V
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- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- IEC61215, IEC61730 certified products
- OHSAS18001 Occupational Health & Safety Standards
- UL1703 certified products

KEY FEATURES



Diamond Cell Technology

World-record breaking efficient monofacial solar cells deliver high power in a small footprint.



Designed for Long Life

Uses the same DuPont protective film as the Space Station, Mars Lander, and jetliners. 25-year warranty.



Power Boost in Cloudy Conditions

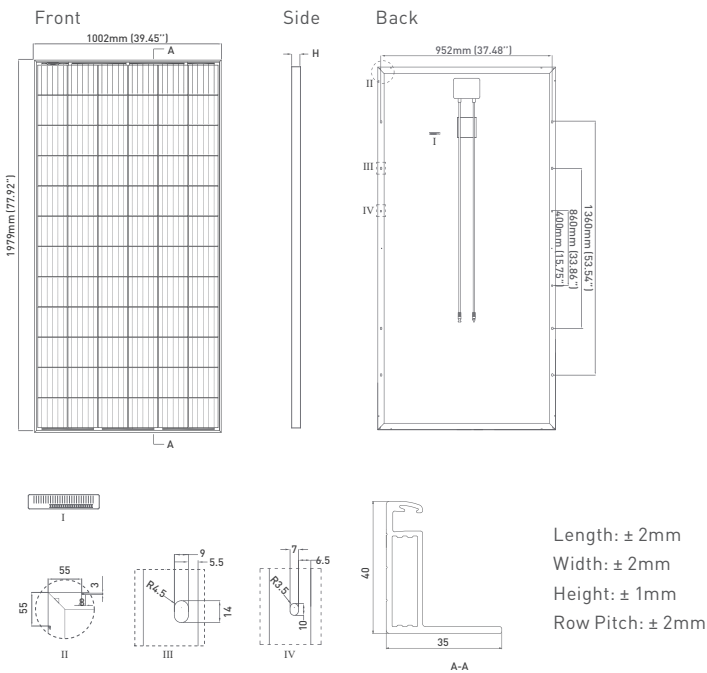
A special film diffuses light, boosting performance even with shading by trees or debris.



Protected Against All Environments

Certified to withstand humidity, heat, rain, marine environments, wind, hailstorms, and packed snow.

ENGINEERING DRAWINGS



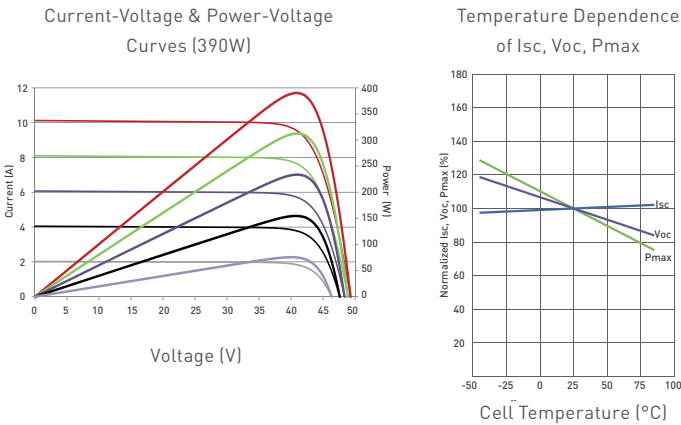
MECHANICAL CHARACTERISTICS

Cells	Mono PERC Diamond Cell (158.75x158.75mm)
No. of Cells	72 (6x12)
Dimensions	1979×1002×40mm (77.91×39.45×1.57in)
Weight	22.5kg (49.6lbs)
Front Glass	3.2mm, Anti-Reflection Coating High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67 Rated
Output Cables	12 AWG, Length 1200mm (47.24in) or Customized Length
Fire Type	Type 1
Pressure Rating	5400Pa (Snow) & 2400Pa (Wind)

TEMPERATURE CHARACTERISTICS

Temperature Coefficients of Pmax	-0.37%/°C
Temperature Coefficients of Voc	-0.28%/°C
Temperature Coefficients of Isc	0.048%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



MAXIMUM RATINGS

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1500VDC (UL and IEC)
Maximum Series Fuse Rating	20A

PACKAGING CONFIGURATION

(Two pallets = One stack)
27pcs/pallet, 54pcs/stack, 594pcs/40'HQ Container

ELECTRICAL CHARACTERISTICS

Module Type	JKM370M-72L-V		JKM375M-72L-V		JKM380M-72L-V		JKM385M-72L-V		JKM390M-72L-V	
	STC	NOCT	STC	NOCT	STC	NOCT	SCT	NOCT	SCT	NOCT
Maximum Power (Pmax)	370Wp	278Wp	375Wp	282Wp	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp
Maximum Power Voltage (Vmp)	39.9V	38.1V	40.2V	38.3V	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V
Maximum Power Current (Imp)	9.28A	7.30A	9.33A	7.36A	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A
Open-circuit Voltage (Voc)	48.5V	47.0V	48.7V	47.2V	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V
Short-circuit Current (Isc)	9.61A	7.75A	9.68A	7.82A	9.75A	7.88A	9.92A	7.95A	10.12A	8.02A
Module Efficiency STC (%)	18.66%		18.91%		19.16%		19.42%		19.67%	

*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%

The company reserves the final right for explanation on any of the information presented hereby. JKM370-390M-72L-V-A1.1-US