



# THE MOST DEPENDABLE SOLAR BRAND



## EAGLE 60M G2

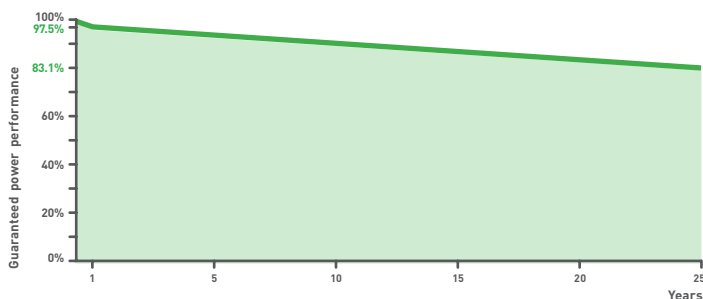
305-325 WATT • MONO PERC MODULE

Positive power tolerance of 0~+3%

- NYSE-listed since 2010, Bloomberg Tier 1 manufacturer
- Best-selling panel 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: JKM325M - 60BL

Code	Backsheet	Code	Cell
null	White	null	Normal
B	Black	L	Diamond



- 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

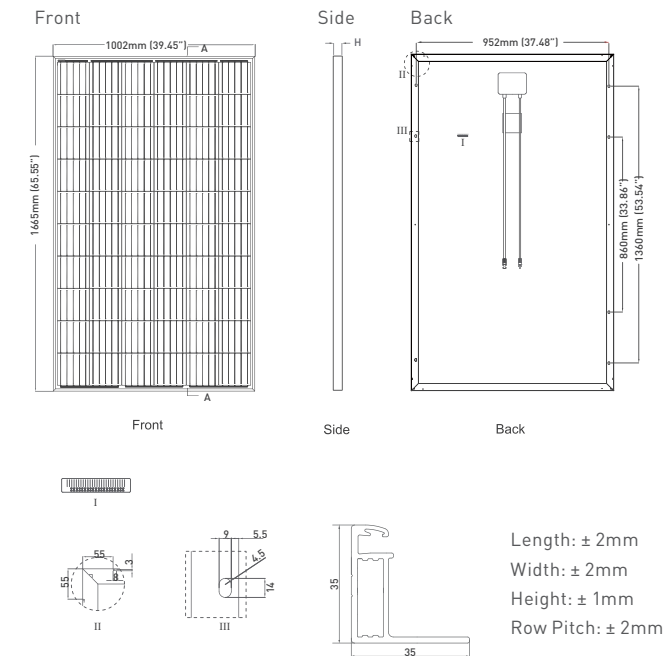
A special film diffuses light, boosting performance even with shading by trees or debris.



### Protected Against All Environments

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

ENGINEERING DRAWINGS



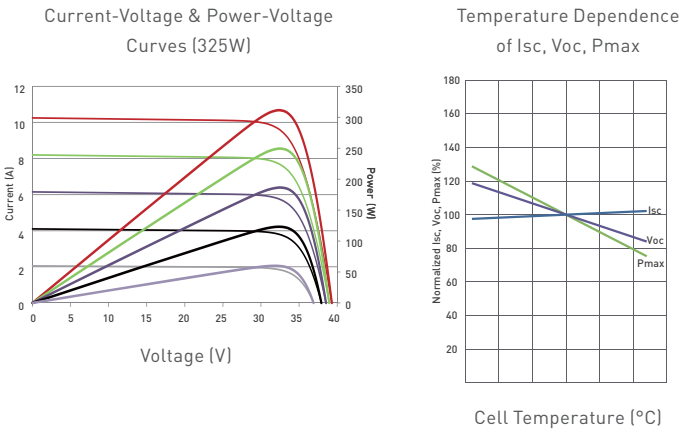
MECHANICAL CHARACTERISTICS

Cells	Mono PERC Diamond Cell (158.75x158.75mm)
No. of Cells	60 (6x10)
Dimensions	1665x1002x35mm (65.55x39.45x1.38in)
Weight	19.0kg (41.9lbs)
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 1000mm (39.37in) 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	1000VDC (UL and IEC)
Maximum Series Fuse Rating	20A

PACKAGING CONFIGURATION

(Two pallets = One stack)
31pcs/pallet, 62pcs/stack, 868pcs/40'HQ Container

ELECTRICAL CHARACTERISTICS

Module Type	JKM305M-60L		JKM310M-60L		JKM315M-60L		JKM320M-60L		JKM325M-60L	
	STC	NOCT	STC	NOCT	STC	NOCT	SCT	NOCT	SCT	NOCT
Maximum Power (Pmax)	305Wp	227Wp	310Wp	231Wp	315Wp	235Wp	320Wp	239Wp	325Wp	242Wp
Maximum Power Voltage (Vmp)	32.8V	30.8V	33.0V	31.0V	33.2V	31.2V	33.4V	31.4V	33.6V	31.6V
Maximum Power Current (Imp)	9.30A	7.40A	9.40A	7.49A	9.49A	7.56A	9.59A	7.62A	9.68A	7.66A
Open-circuit Voltage (Voc)	40.3V	37.2V	40.5V	37.4V	40.7V	37.6V	40.9V	37.8V	41.1V	38.0V
Short-circuit Current (Isc)	9.83A	8.12A	9.92A	8.20A	10.04A	8.33A	10.15A	8.44A	10.20A	8.54A
Module Efficiency STC (%)	18.28%		18.58%		18.88%		19.18%		19.48%	

\*STC: ☀ Irradiance 1000W/m<sup>2</sup>    🌡 Cell Temperature 25°C    ☁ AM = 1.5  
NOCT: ☀ Irradiance 800W/m<sup>2</sup>    🌡 Ambient Temperature 20°C    ☁ AM = 1.5    🌬 Wind Speed 1m/s

\*Power measurement tolerance: ±3%