

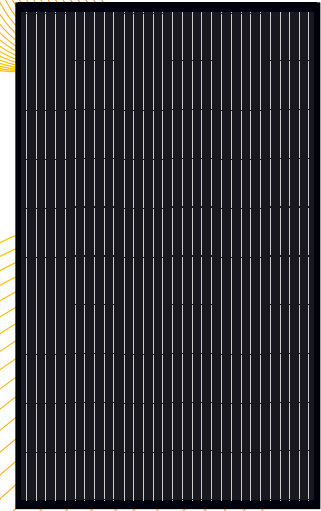


DMEGC Quality. Performance. Value.

PERC MONO CRYSTALLINE DOUBLE GLASS MODULE

DMG320M6A-60BB

305 / 310 / 315 / 320



Technology

High module conversion efficiency through superior manufacturing technology



Voltage resistance

Module can withstand the 1500V system voltage



PID Free

Excellent PID resistance according to IEC TS 62804-1



Performance

High performance under low light conditions (Cloudy days, mornings and evenings)



Quality

Manufactured according to International Quality and Environmental Management Systems (ISO9001, ISO14001)



Value

Our vertically integrated business model allows for competitive pricing and great value

www.dmegcsolar.com

Superior Manufacturing-Quality Assurance



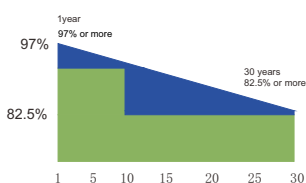
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

Power Output



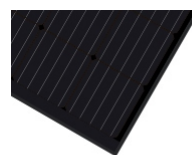
- Our IP68 rated junction box improves module performance and stability
- High-performance connectors provide low resistance interconnection to ensure the full utilization of module output power

Warranty



- 12 Years Manufacturers Warranty
- Linear Power Output Warranty, no less than 82.5% at year 30th

Visible Quality



- Durable, high-quality
- Rigid construction: 5400Pa & 2400Pa rated assembly



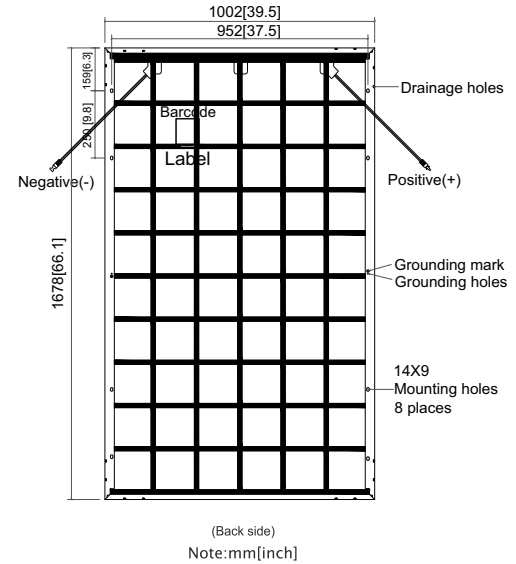
Electrical Specifications

* STC irradiance of 1000W/m² spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	Imp(A)	Vmp(V)	Isc(A)	Voc (V)	Module Efficiency
DMG305M6A-60BB	305	0/+3%	9.24	33.04	9.64	40.74	18.14%
DMG310M6A-60BB	310	0/+3%	9.34	33.22	9.74	40.90	18.44%
DMG315M6A-60BB	315	0/+3%	9.44	33.40	9.84	41.06	18.73%
DMG320M6A-60BB	320	0/+3%	9.54	33.57	9.95	41.23	19.03%

Mechanical Data

Cell Type	DMPD5B159-223
Cell Arrangement	60(6x10)
Module Structure	Glass/EVA/Glass (black mesh)
Glass Thickness	2.0mm/2.0mm(front/back)
Application Class	Class A at IEC 61730
Junction Box Rating	IP67/IP68
Cables	1000mm/4mm ²
Connector Type	MC4/MC4Compatible
Fire Rating Class	Class A



Maximum Ratings

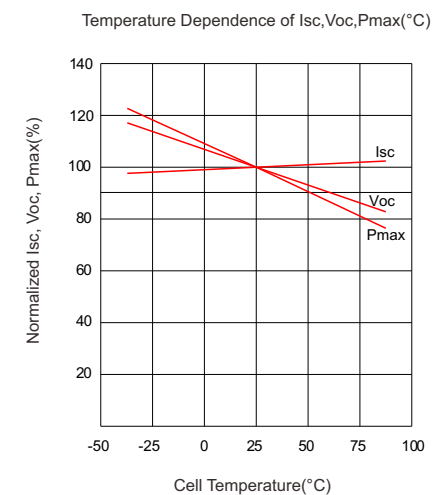
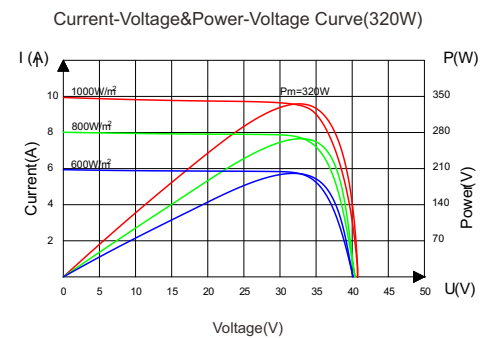
Operating Temperature	-40°C to +85°C
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa
Maximum System Voltage	1000V/1500V DC(IEC)
Maximum Series Fuse Rating	20A
Number of Diodes	3

Packaging

Module Dimensions	1678x1002x35mm
Weight	21.3kg
Pallet Dimensions	1730x1130x1140mm
Container	40' HQ
Pieces per Pallet	31
Pallets per Container	26
Pieces per Container	806
Gross Weight per Pallet	705kg
Gross Weight per Container	18330kg

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42°C±3°C
Temperature Coefficient of Isc	+0.038%/°C
Temperature Coefficient of Voc	-0.270%/°C
Temperature Coefficient of Pmax	-0.365%/°C



Hengdian Group DMEGC Magnetics Co., Ltd.
Hengdian Industrial Zone, Dongyang City
Zhejiang Province, China 322118

Tel: 0086-579-8658-8825 Fax: 0086-579-8655-4845
Email: solar@dmegc.com.cn
www.chinadmegc.com www.dmegcsolar.com