

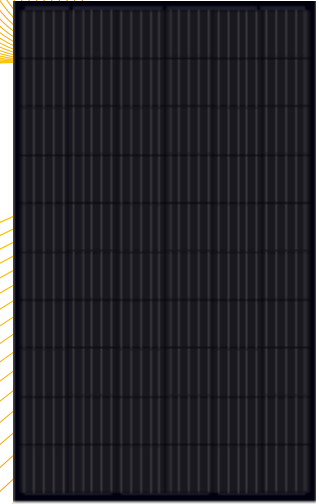


Quality. Performance. Value.

## PERC MONO CRYSTALLINE MODULE

DM325G1-60BB

310 / 315 / 320 / 325



### Technology

High module conversion efficiency through superior manufacturing technology



### PID Free

Excellent PID resistance according to IEC TS 62804-1



### Power-Positive Tolerance

Guaranteed power output(0/+3%)



### 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](http://www.dmegcsolar.com)

## Superior Manufacturing-Quality Assurance



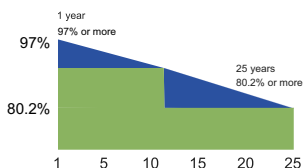
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

## 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 80.2% at year 25th

## Visible Quality



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



## Electrical Specifications

\* STC irradiance of 1000W/m<sup>2</sup> spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	I <sub>mp</sub> (A)	V <sub>mp</sub> (V)	I <sub>sc</sub> (A)	V <sub>oc</sub> (V)	Module Efficiency
DM310G1-60BB	310	0/+3%	9.34	33.22	9.74	40.90	18.58%
DM315G1-60BB	315	0/+3%	9.44	33.40	9.84	41.06	18.88%
DM320G1-60BB	320	0/+3%	9.54	33.57	9.95	41.23	19.18%
DM325G1-60BB	325	0/+3%	9.64	33.75	10.05	41.40	19.48%

## Mechanical Data

Cell Type	DMPD5B159-223
Cell Arrangement	60(6x10)
Module Structure	Glass/EVA/Backsheet(black/inside black )
Glass Thickness	3.2mm
Application Class	Class A at IEC 61730
Junction Box Rating	IP67/IP68
Cables	1000mm/4mm <sup>2</sup>
Connector Type	MC4/MC4 Compatible
Fire Rating Class	C

## Maximum Ratings

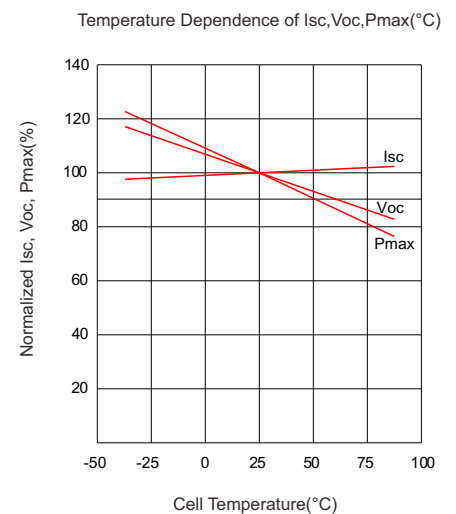
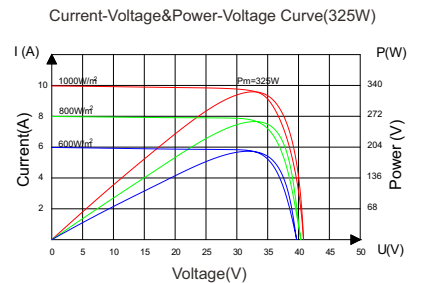
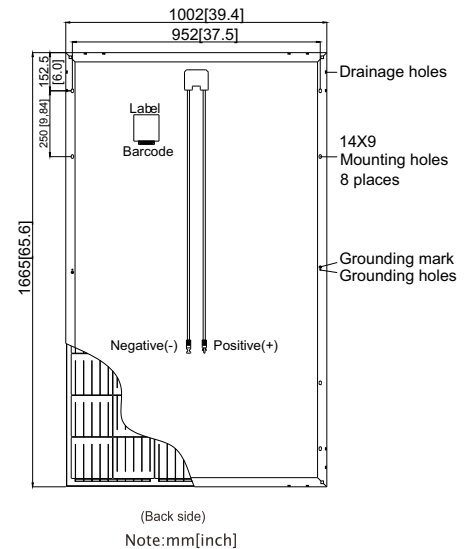
Operating Temperature	-40°C to +85°C
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa
Maximum System Voltage	1000V DC(IEC)
Maximum Series Fuse Rating	20A
Number of Diodes	3

## Packaging

Module Dimensions	1665x1002x40mm
Weight	19.2kg
Pallet Dimensions	1715x1130x1140mm
Container	40' HQ
Pieces per Pallet	27
Pallets per Container	28
Pieces per Container	756
Gross Weight per Pallet	560kg
Gross Weight per Container	15680kg

## Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42°C±3°C
Temperature Coefficient of I <sub>sc</sub>	+0.038%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.270%/°C
Temperature Coefficient of P <sub>max</sub>	-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