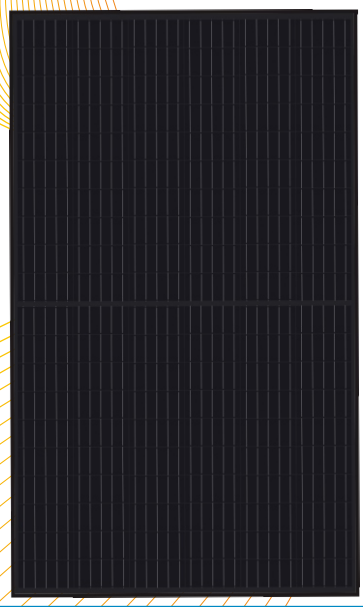
DMEGC

Quality. Performance. Value.

PERC MONO CRYSTALLINE MODULE -------HALF CELLS



DM335G1-60HBB

320 / 325 / 330 / 335

Technology

High module conversion efficiency through superior manufacturing technology

Half-Cut Design

Avoid the hot spot effect
Reduce power degradation

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

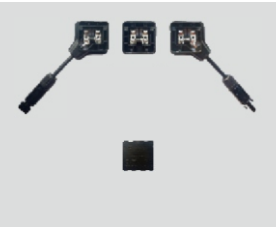
Our vertically integrated business model allows for competitive pricing and great value

www.dmegcsolar.com

Superior Manufacturing-Quality Assurance

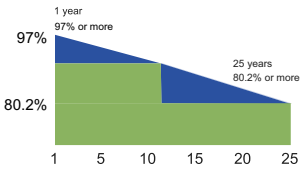
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

Power Output



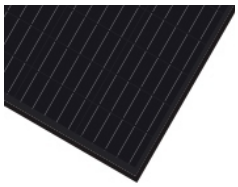
- Our IP68 rated junction box improves module performance and stability
- High-performance connectors provide low resistance interconnection to ensure the full utilization of module output power

Warranty



- 12 Years Manufacturers Warranty
- Linear Power Output Warranty, no less than 80.2% at year 25th

Visible Quality



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

A Member of the Hengdian Group

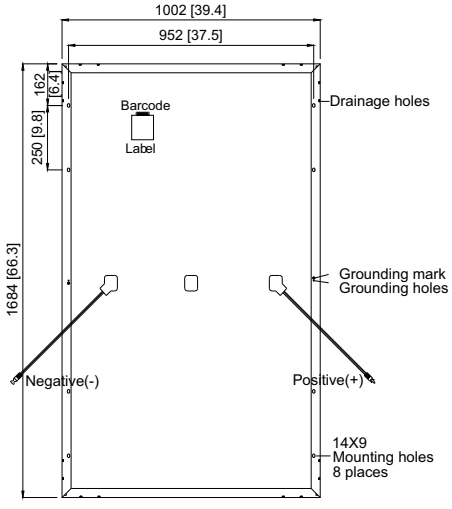
Electrical Specifications

* 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
DM320G1-60HBB	320	0/+3%	9.54	33.57	9.95	41.23	18.96%
DM325G1-60HBB	325	0/+3%	9.64	33.75	10.05	41.40	19.26%
DM330G1-60HBB	330	0/+3%	9.74	33.93	10.15	41.57	19.56%
DM335G1-60HBB	335	0/+3%	9.84	34.10	10.25	41.74	19.85%

Mechanical Data

Cell Type	DMPD5B159-223(1/2)
Cell Arrangement	120(6x20)
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	1300mm/4mm²
Connector Type	MC4/MC4 Compatible
Fire Rating Class	C



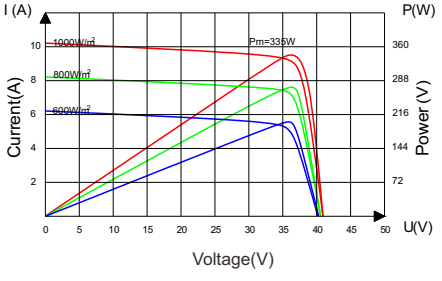
(Back side)

Note:mm[inch]

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

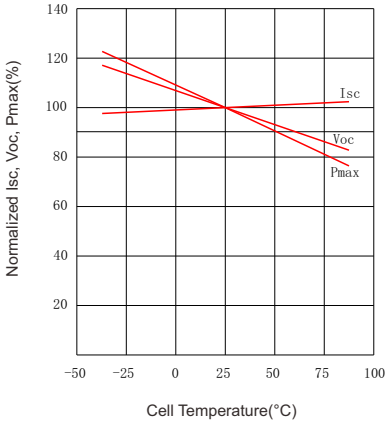
Current-Voltage&Power-Voltage Curve(335W)



Packaging

Module Dimensions	1684x1002x35mm
Weight	18.8kg
Pallet Dimensions	1735x1130x1140mm
Container	40' HQ
Pieces per Pallet	31
Pallets per Container	26
Pieces per Container	806
Gross Weight per Pallet	625kg
Gross Weight per Container	16250kg

Temperature Dependence of Isc,Voc,Pmax(°C)



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

DMEGC

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