

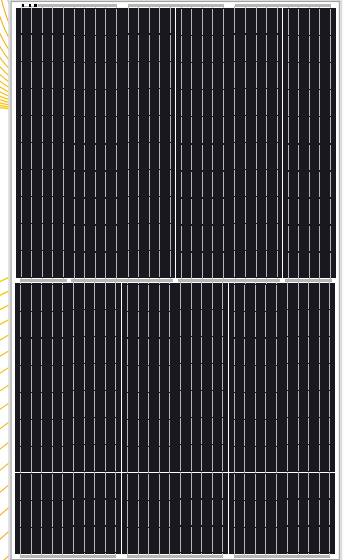


Quality. Performance. Value.

# PERC MONO CRYSTALLINE-----HALF CELLS DOUBLE GLASS MODULE

DMG340M6A-120HSW

325 / 330 / 335 / 340



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

## Superior Manufacturing-Quality Assurance



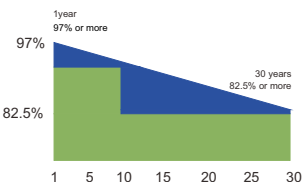
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

## 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 82.5% at year 30th

## 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 | Imp(A) | Vmp(V) | Isc(A) | Voc (V) | Module Efficiency |
|------------------|-------|-----------|--------|--------|--------|---------|-------------------|
| DMG325M6A-120HSW | 325   | 0/+3%     | 9.70   | 33.55  | 10.11  | 41.23   | 19.26%            |
| DMG330M6A-120HSW | 330   | 0/+3%     | 9.80   | 33.70  | 10.20  | 41.40   | 19.56%            |
| DMG335M6A-120HSW | 335   | 0/+3%     | 9.91   | 33.85  | 10.30  | 41.55   | 19.85%            |
| DMG340M6A-120HSW | 340   | 0/+3%     | 10.01  | 34.01  | 10.40  | 41.70   | 20.15%            |

## Mechanical Data

|                     |                         |
|---------------------|-------------------------|
| Cell Type           | DMPD5B159-223(1/2)      |
| Cell Arrangement    | 120(6x20)               |
| Module Structure    | Glass/ EVA / Glass      |
| Glass Thickness     | 2.0mm/2.0mm(front/back) |
| 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   | A                       |

## Maximum Ratings

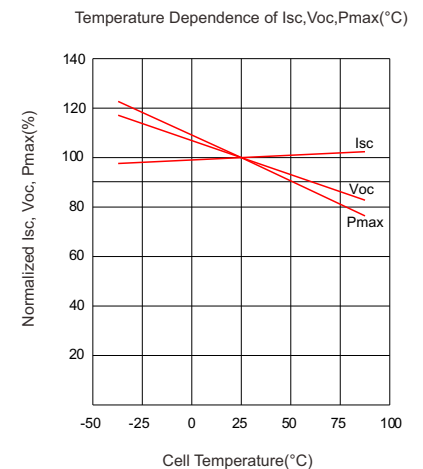
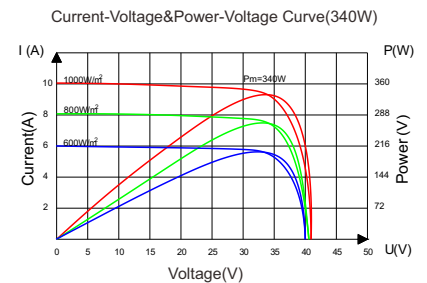
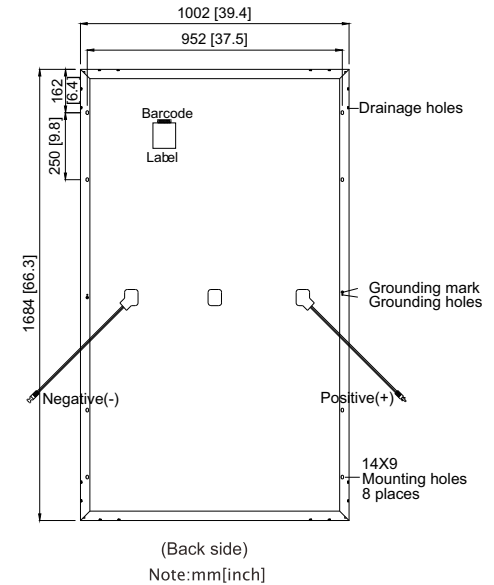
|                            |                         |
|----------------------------|-------------------------|
| Operating Temperature      | -40°C to +85°C          |
| Maximum Load Capacity      | Snow 5400Pa/Wind 2400Pa |
| Maximum System Voltage     | 1000V/1500V DC(IEC)     |
| Maximum Series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

## Packaging

|                            |                  |
|----------------------------|------------------|
| Module Dimensions          | 1684x1002x35mm   |
| Weight                     | 21.9kg           |
| Pallet Dimensions          | 1735x1130x1140mm |
| Container                  | 40' HQ           |
| Pieces per Pallet          | 31               |
| Pallets per Container      | 26               |
| Pieces per Container       | 806              |
| Gross Weight per Pallet    | 724kg            |
| Gross Weight per Container | 18824kg          |

## 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