

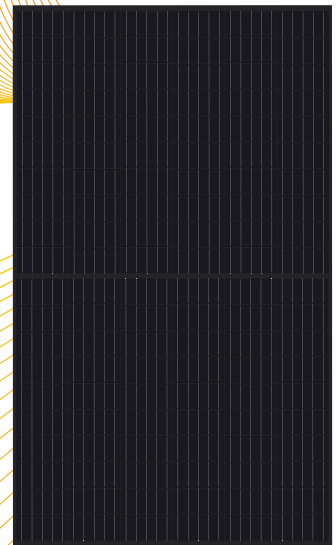


Quality. Performance. Value.

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

DM330G1-G60HNB

315 / 320 / 325 / 330



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.dmegc.solar

Superior Manufacturing-Quality Assurance



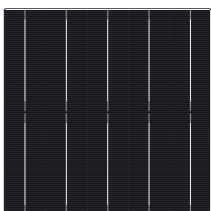
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

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

Excellent Electrical Performance



- PERC Mono Crystalline
158.75x158.75mm cells are used for better performance



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 |
|----------------|-------|-----------|--------|--------|--------|---------|-------------------|
| DM315G1-G60HNB | 315 | 0/+3% | 9.44 | 33.40 | 9.84 | 41.06 | 18.85% |
| DM320G1-G60HNB | 320 | 0/+3% | 9.54 | 33.57 | 9.95 | 41.23 | 19.15% |
| DM325G1-G60HNB | 325 | 0/+3% | 9.64 | 33.75 | 10.05 | 41.40 | 19.45% |
| DM330G1-G60HNB | 330 | 0/+3% | 9.74 | 33.93 | 10.15 | 41.57 | 19.75% |

Mechanical Data

| | |
|---------------------|-------------------------|
| Cell Type | DMPD5B159-223(1/2) |
| Cell Arrangement | 120(6x20) |
| Module Structure | Glass/POE/Glass |
| Glass Thickness | 2.0mm/2.0mm(front/back) |
| Application Class | Class A at IEC 61730 |
| Junction Box Rating | IP67/IP68 |
| Cables | 1100mm/4mm ² |
| Connector Type | MC4/MC4 Compatible |
| Fire Rating Class | A |

Maximum Ratings

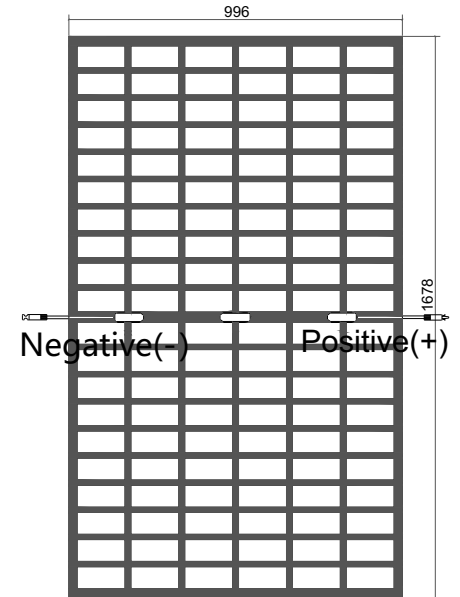
| | |
|----------------------------|---------------------|
| Operating Temperature | -40°C to +85°C |
| Maximum System Voltage | 1000V/1500V DC(IEC) |
| Maximum Series Fuse Rating | 20A |
| Number of Diodes | 3 |

Packaging

| | |
|----------------------------|------------------|
| Module Dimensions | 1678x996x4.8mm |
| Weight | 19.8kg |
| Pallet Dimensions | 1805x1130x1165mm |
| Container | 40' HQ |
| Pieces per Pallet | 33 |
| Pallets per Container | 26 |
| Pieces per Container | 858 |
| Gross Weight per Pallet | 750kg |
| Gross Weight per Container | 19500kg |

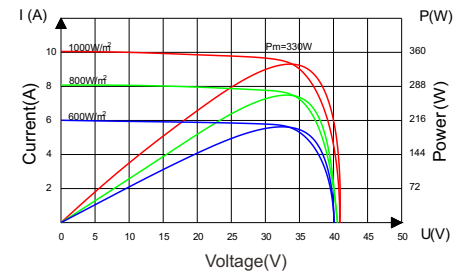
Temperature Characteristics

| | |
|---|------------|
| 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 |

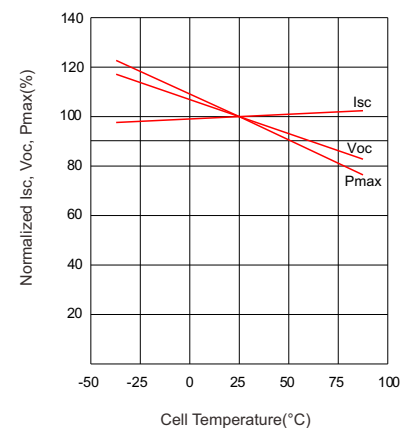


Back side

Current-Voltage&Power-Voltage Curve(330W)



Temperature Dependence of Isc, Voc, Pmax(°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.dmegc.solar