

DMEGC AC MODULE



Easier

Safer

Quieter



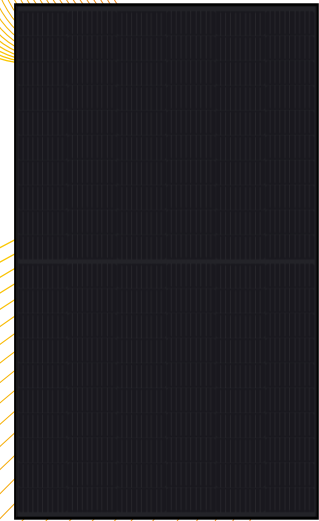


Quality. Performance. Value.

PERC MONO CRYSTALLINE AC MODULE ENPHASE IQ SERIES MICROINVERTER

DM360M6-60HBB-A

345 / 350 / 355 / 360



Plug and play

Lightweight and simple
Faster installation with improved, lighter two-wire cabling



Half-Cut Design

Avoid the hot spot effect, reduce power degradation



PID Free

Excellent PID resistance according to IEC TS 62804-1



Value

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



Higher energy yield

Per-module Maximum Power Point Tracking (MPPT)
Mitigates all types of modules mismatch-loss, from manufacturing tolerance to partial shading



Power-Positive Tolerance

Guaranteed power output (0/+3%)

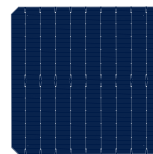
www.dmegcsolar.com

Enphase IQ7+ Microinverters



- Smart Grid Ready Microinverters complies with advanced grid support, voltage and frequency ride-through requirements
- Remotely updates to respond to changing grid requirements
- Configurable for varying grid profiles

Excellent Electrical Performance



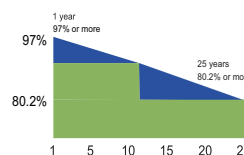
- PERC Mono Crystalline 166x166mm cells are used for better performance

Superior Manufacturing and Quality Assurance



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

DC Module Warranty



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



ELECTRICAL DATA

* 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
DM345M6-60HBB-A	345	0/+3%	10.33	33.43	10.74	41.21	18.47%
DM350M6-60HBB-A	350	0/+3%	10.43	33.59	10.85	41.36	18.73%
DM355M6-60HBB-A	355	0/+3%	10.53	33.74	10.96	41.51	19.00%
DM360M6-60HBB-A	360	0/+3%	10.63	33.87	11.07	41.66	19.27%

AC Output Data

Peak output power	295VA	Max continuous power	290VA
Nominal voltage	230V / 184-276V	Max continuous current	1.26A
Nominal frequency	50HZ	Extended Frequency Range	45-55Hz
Efficiency	96.5%	Power Factor / Adjustable	0.8 leading...0.8 lagging
Max Branch Circuit	13A (230VAC)	Modules / Circuit	13
Operating Temperature	-40°C to +65°C	Communication	Power line
Monitoring	Enlighten Manager and MyEnlighten options Compatible with Enphase IQ Envoy		
Disconnecting Means	Approved by UL for AC and AC load break as required by NEC Article 690		
Rapid Shutdown	Compliant per NEC-2014 & 2017		

Grid profile configures min/max voltage range per country grid profile

This may vary if local electrical code conductor derating is different

Mechanical Data

Cell Type	DMPD9B166-223
Cell Arrangement	120(6x20)
Module Structure	Glass/ EVA / Backsheet
Glass Thickness	3.2mm
Application Class	Class A at IEC 61730
Junction Box Rating	IP 67
Connector Type	MC4 / MC4Compatible
Fire Rating Class	C

Packaging

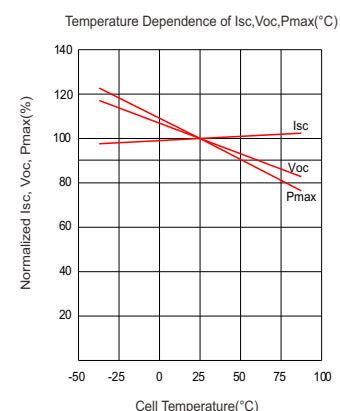
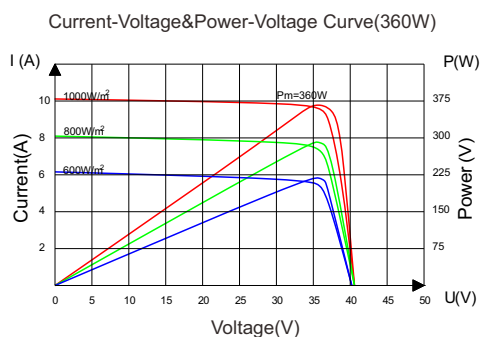
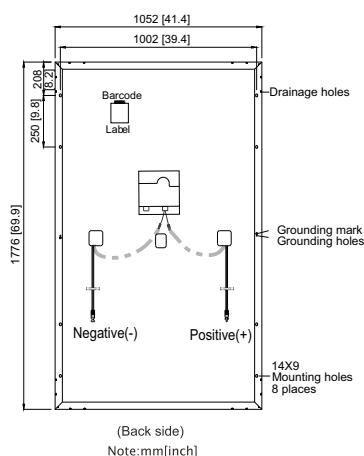
Module Dimensions	1776x1052x40mm
Weight	22.6kg
Pallet Dimensions	1825x1130x1190mm
Container	40' HQ
Pieces per Pallet	27
Pallets per Container	24
Pieces per Container	648
Gross Weight per Pallet	655kg
Gross Weight per Container	15720kg

Maximum Ratings

Operating Temperature	-40°C to +85°C
Maximum Load Capacity	Snow 5400Pa / Wind 2400Pa
Maximum System Voltage	1000V(IEC)
Maximum Series Fuse Rating	15A
Number of Diodes	3

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



Approved Accessories



Envoy



Q Cable



Q-TERM



Consumption CT



Q DCC



Q-CONN



Q-CLIP



Q DISC

For detail:

<https://enphase.com/sites/default/files/downloads/support/IQ-Components-List-EN-US.pdf>

Warranties

DMEGC DC module warranty:

www.dmegc.solar

solar@dmegc.com.cn

Tel:+86-579-86310330

Microinverter & its accessories warranty:

www.enphase.com



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