

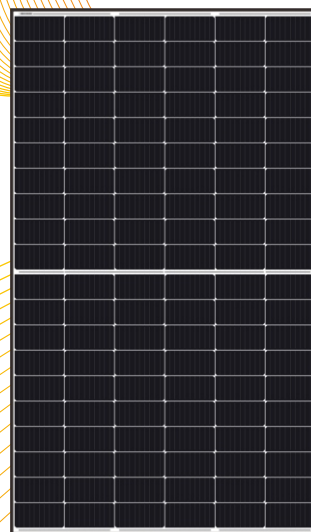
PERC MONO CRYSTALLINE MODULE -----HALF CELLS

DM380M6-60HBW

365 / 370 / 375 / 380

Behoort bij beschikking van
Burgemeester en Wethouders
van Leiden

Wabo Z/22/3447159



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

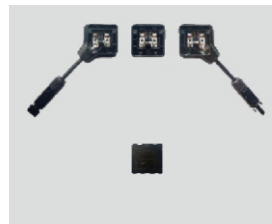
www.dmegc.solar

Superior Manufacturing-Quality Assurance



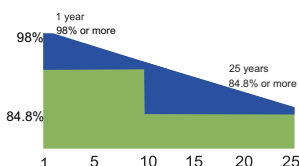
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

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

Warranty



- 12 Years Manufacturers Warranty
- Linear Power Output Warranty, no less than 84.8% at year 25th

Visible Quality



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



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
DM365M6-60HBW	365	0/+3%	10.80	33.82	11.22	41.57	19.54%
DM370M6-60HBW	370	0/+3%	10.91	33.95	11.32	41.72	19.80%
DM375M6-60HBW	375	0/+3%	11.01	34.10	11.43	41.89	20.07%
DM380M6-60HBW	380	0/+3%	11.11	34.24	11.52	42.06	20.34%

Mechanical Data

Cell Type	DMPD9B166-223(1/2)
Cell Arrangement	120(6x20)
Module Structure	Glass/EVA/Backsheet(white)
Glass Thickness	3.2mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	1100mm/4mm ²
Connector Type	MC4/MC4 Compatible
Fire Rating Class	C

Maximum Ratings

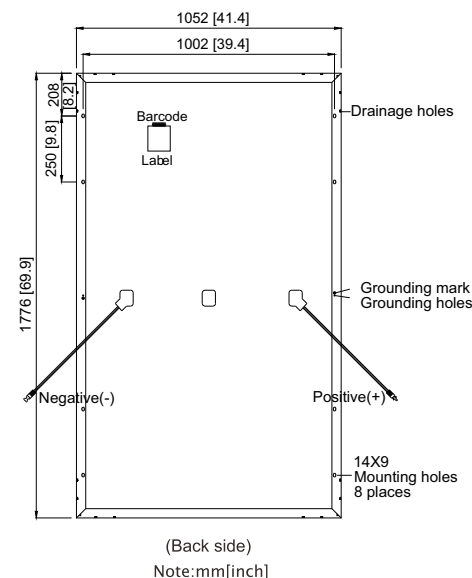
Operating Temperature	-40°C to +85°C
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa
Maximum System Voltage	1000V/1500V DC(IEC)
Maximum Series Fuse Rating	20A
Number of Diodes	3

Packaging

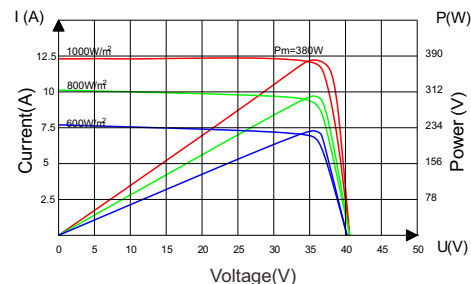
Module Dimensions	1776x1052x35mm
Weight	21.2kg
Pallet Dimensions	1825x1130x1190mm
Container	40' HQ
Pieces per Pallet	31
Pallets per Container	24
Pieces per Container	744
Gross Weight per Pallet	700kg
Gross Weight per Container	16800kg

Temperature Characteristics

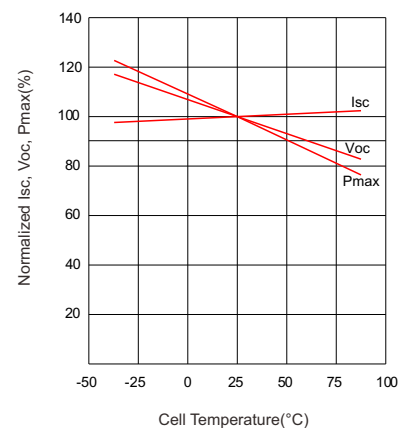
Nominal Module Operating Temperature (NMOT)	42°C±3°C
Temperature Coefficient of Isc	+0.038%/°C
Temperature Coefficient of Voc	-0.270%/°C
Temperature Coefficient of Pmax	-0.365%/°C



Current-Voltage&Power-Voltage Curve(380W)



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



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