

PERC MONO CRYSTALLINE MODULE -----HALF CELLS

DM370M6-60HBB

355 / 360 / 365 / 370



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



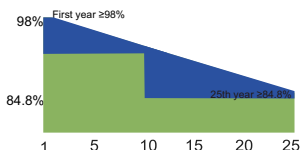
- All modules are manufactured using TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% EL Test-before lamination & prior to shipment
- Comprehensive Safety and Reliability tests are performed

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	DM355M6-60HBB		DM360M6-60HBB		DM365M6-60HBB		DM370M6-60HBB	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Pm(W)	355	263.6	360	267.1	365	270.8	370	274.6
Imp(A)	10.53	8.57	10.63	8.65	10.73	8.73	10.83	8.81
Vmp(V)	33.74	30.76	33.87	30.88	34.02	31.02	34.17	31.15
Isc(A)	10.96	8.83	11.07	8.92	11.18	9.01	11.29	9.10
Voc(V)	41.51	38.86	41.66	39.00	41.81	39.14	41.96	39.28
Module Efficiency(STC)	19.49%		19.76%		20.04%		20.31%	
Power tolerance:0~+3% *NMOT irradiance of 800W/m²,spectrum AM 1.5, ambient temperature 20°C,wind speed 1m/s								

Mechanical Data

Cell Type	DMPD9B166-223(1/2)
Cell Arrangement	120(6x20)
Module Structure	Glass/EVA/Backsheet(black/inside black)
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

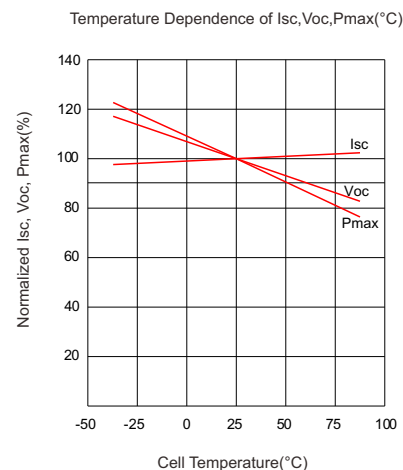
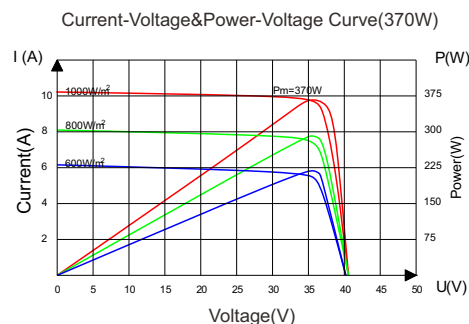
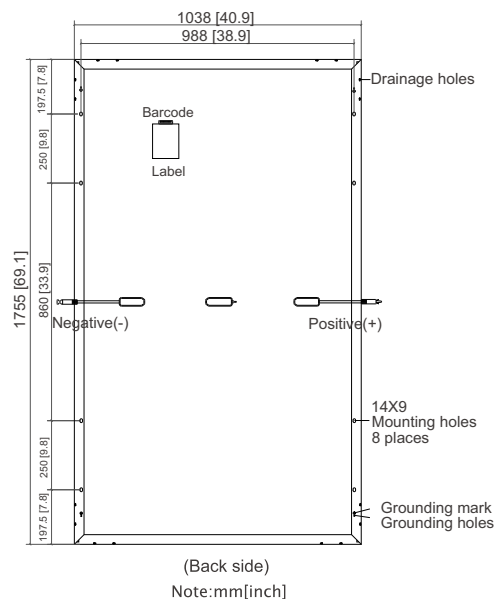
Operating Temperature	-40°C to +85°C
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa
Maximum System Voltage	1000V DC(IEC)
Maximum Series Fuse Rating	20A
Number of Diodes	3

Packaging

Module Dimensions	1755x1038x35mm
Weight	21.0kg
Pallet Dimensions	1805x1130x1175mm
Container	40' HQ
Pieces per Pallet	31
Pallets per Container	26
Pieces per Container	806
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



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