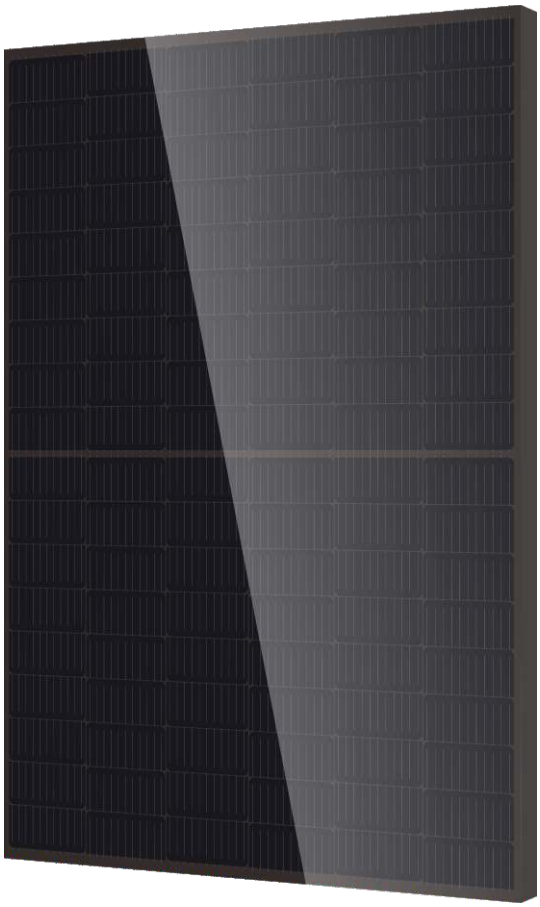
Best Choice for
Residential

DMEGC SOLAR

MONO-FACIAL MODULE

400 / 405 / 410 / 415

DM400M10-54HBB
DM405M10-54HBB
DM410M10-54HBB
DM415M10-54HBB



Aesthetics

Ultimate look of black modules, perfectly matching the owner's aesthetic pursuit

Quality

Over 40 years of manufacturing experience in house wafer, cell and module

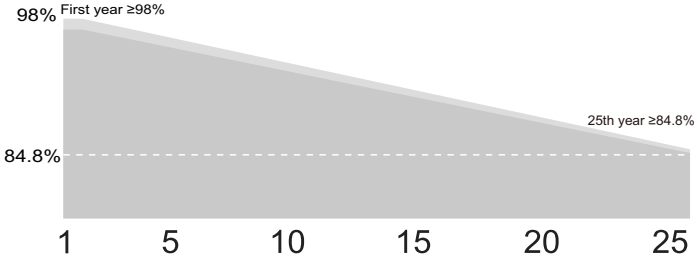
Guarantee

Warranty comes from one of the most financially healthy PV providers

Service

Customer-oriented and local services

Warranty



15 Years product warranty

25 Years power output warranty

A Member of the Hengdian Group

Ver:20231228A3

Electrical Specifications

Module Type	DM400M10-54HBB		DM405M10-54HBB		DM410M10-54HBB		DM415M10-54HBB	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	400	303	405	307	410	311	415	315
Maximum Power Current (Imp/A)	13.03	10.32	13.11	10.40	13.20	10.47	13.29	10.52
Maximum Power Voltage (Vmp/V)	30.73	29.38	30.91	29.55	31.09	29.72	31.27	29.90
Short-circuit Current (Isc/A)	13.90	11.15	13.98	11.21	14.06	11.28	14.13	11.33
Open-circuit Voltage (Voc/V)	37.09	35.23	37.21	35.34	37.33	35.46	37.45	35.57
Module Efficiency STC (%)	20.5%		20.7%		21.0%		21.3%	

Pmax Tolerance: 0/+3% STC:AM1.5 1000W/m 25 ℃ NMOT:AM1.5 800W/m 20 ℃ 1m/s Measurement uncertainty:±3%

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	108(6x18)
Module Dimensions	1722x1134x30mm
Weight	21.2kg
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm²/Portrait: 350mm (+)/250mm(-) Landscape: 1100mm(+)/1100mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4 (1000V)

Packaging

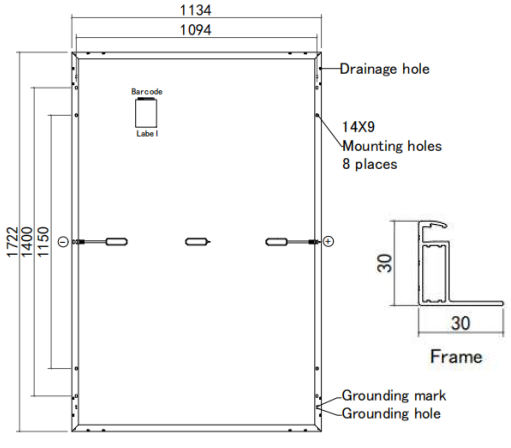
Pallet Dimensions	1770×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	936

Temperature Characteristics

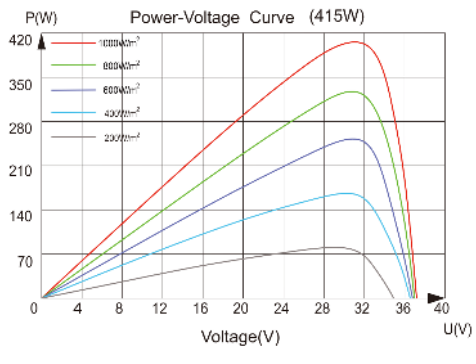
Nominal Module Operating Temperature (NMOT)	42±2°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

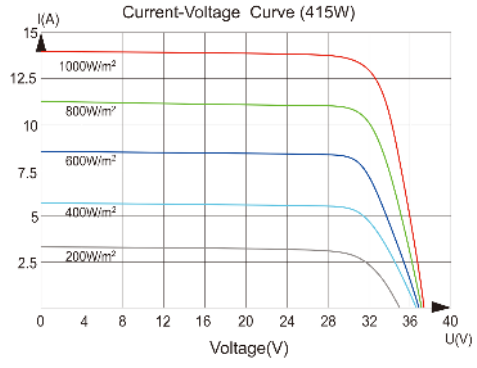
Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	25A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V DC(IEC)	Fire Rating Class	Class C



(Back side)
Note:mm





Statement: Due to technological progress, product parameters will be adjusted accordingly; When signing the contract, the latest data of the company shall prevail.

DMEGC SOLAR

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