



Residential / Commercial / Utility

DMEGC

S O L A R

MONO-FACIAL MODULE

495 / 500 / 505 / 510

DM495M10-66HSW/HBW

DM500M10-66HSW/HBW

DM505M10-66HSW/HBW

DM510M10-66HSW/HBW



Adaptability

Best size and excellent performance for various application scenarios



Quality

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



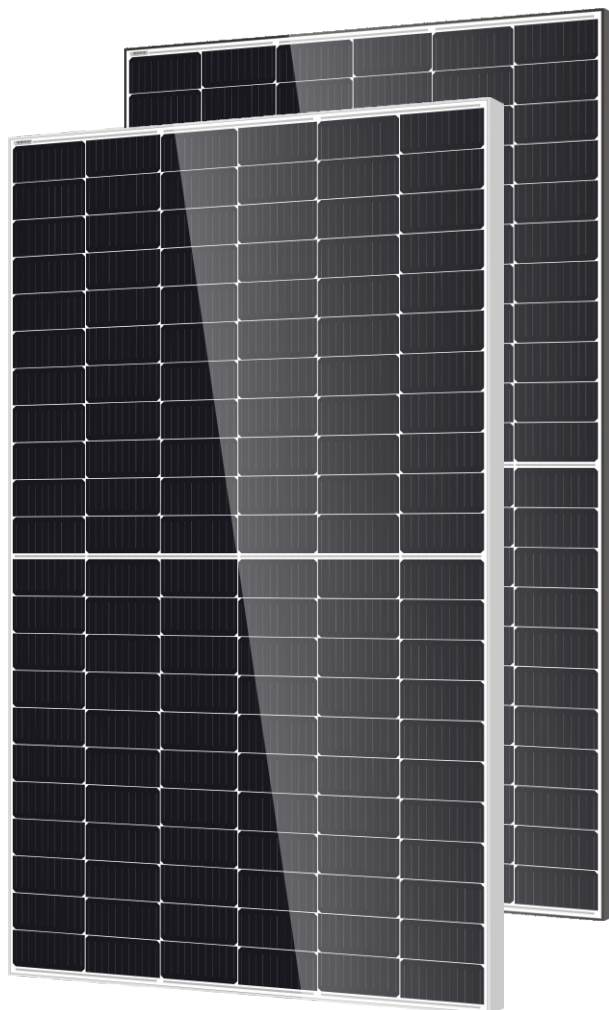
Guarantee

Warranty comes from one of the most financially healthy PV providers

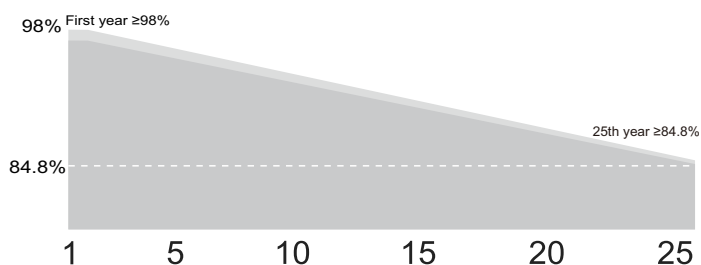


Service

Customer-oriented and local services



Warranty



12 Years product warranty

25 Years power output warranty

A Member of the Hengdian Group



Ver:20221103A3

Electrical Specifications

Module Type	DM495M10-66HSW/HBW DM495M10-66HSW/HBW-V		DM500M10-66HSW/HBW DM500M10-66HSW/HBW-V		DM505M10-66HSW/HBW DM505M10-66HSW/HBW-V		DM510M10-66HSW/HBW DM510M10-66HSW/HBW-V	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	495	375	500	379	505	383	510	387
Maximum Power Current (Imp/A)	13.14	10.42	13.22	10.48	13.29	10.54	13.36	10.59
Maximum Power Voltage (Vmp/V)	37.68	36.02	37.84	36.17	38.01	36.34	38.18	36.50
Short-circuit Current (Isc/A)	13.99	11.22	14.07	11.29	14.14	11.34	14.21	11.40
Open-circuit Voltage (Voc/V)	45.46	43.18	45.60	43.31	45.73	43.44	45.87	43.57
Module Efficiency STC (%)	20.85%		21.06%		21.27%		21.48%	
Pmax Tolerance 0/+3% STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Measurement uncertainty:±3%								

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	132(6x22)
Module Dimensions	2094x1134x35mm
Weight	26kg
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm ² /1300mm or Customized Length
Connector Type	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

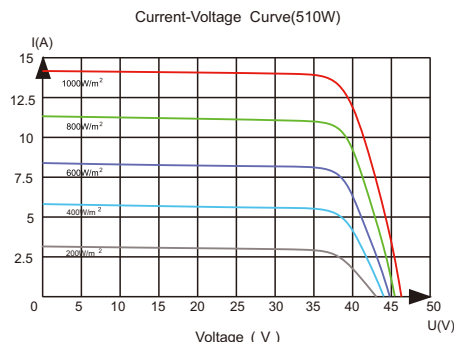
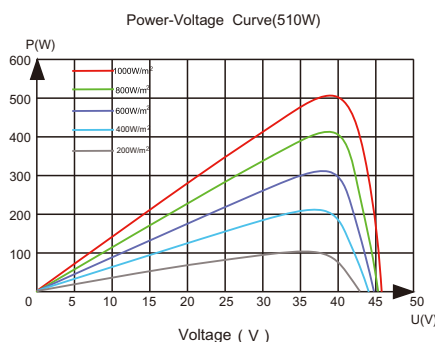
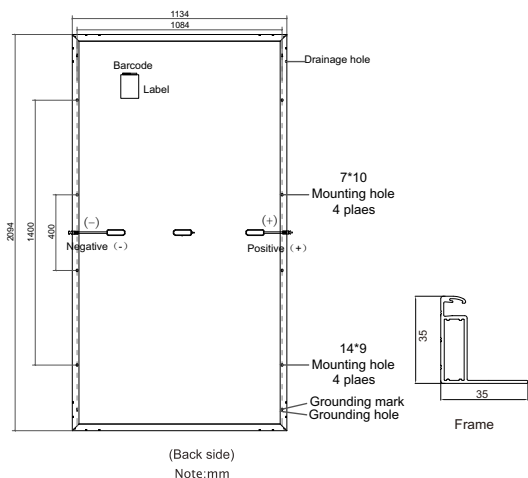
Pallet Dimensions	2145×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	682

Temperature Characteristics

Nominal Operating Cell Temperature(NOCT)	42±3°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/1500V DC(IEC)	Fire Rating Class	Class C



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