



Best Choice for Residential



MONO-FACIAL MODULE

490 / 495 / 500 / 505

DM490M10-66HBB

DM495M10-66HBB

DM500M10-66HBB

DM505M10-66HBB



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



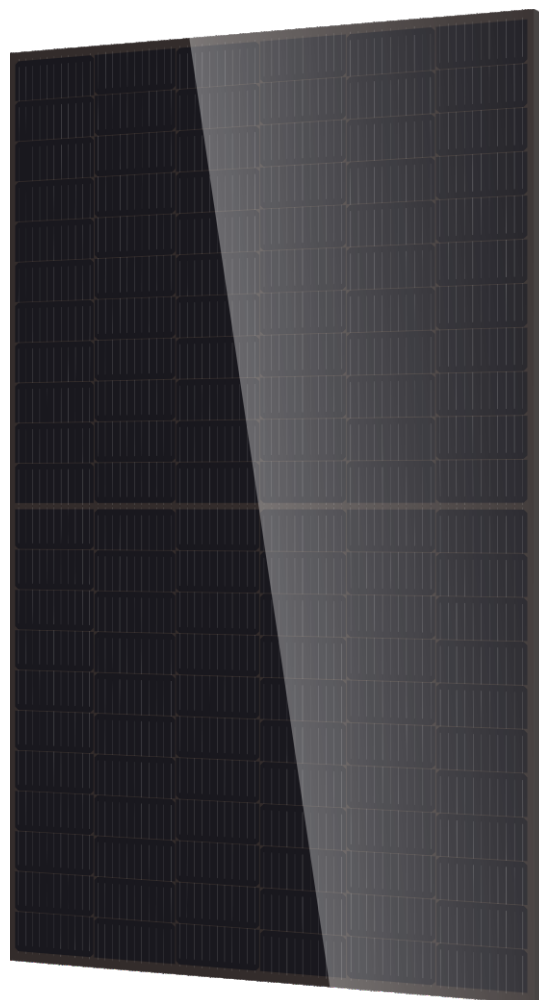
Guarantee

Warranty comes from one of the most financially healthy PV providers

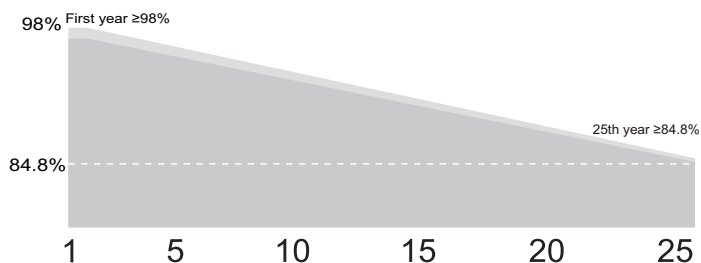


Service

Customer-oriented and local services



Warranty



12 Years product warranty

25 Years power output warranty

A Member of the Hengdian Group

Ver:20221103A3

Electrical Specifications

Module Type	DM490M10-66HBB DM490M10-66HBB-V		DM495M10-66HBB DM495M10-66HBB-V		DM500M10-66HBB DM500M10-66HBB-V		DM505M10-66HBB DM505M10-66HBB-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	490	371	495	375	500	379	505	383
Maximum Power Current (Imp/A)	13.06	10.36	13.14	10.42	13.22	10.48	13.29	10.54
Maximum Power Voltage (Vmp/V)	37.52	35.87	37.68	36.02	37.84	36.17	38.01	36.34
Short-circuit Current (Isc/A)	13.91	11.16	13.99	11.22	14.07	11.29	14.14	11.34
Open-circuit Voltage (Voc/V)	45.32	43.04	45.46	43.18	45.60	43.31	45.73	43.44
Module Efficiency STC (%)	20.64%		20.85%		21.06%		21.27%	

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

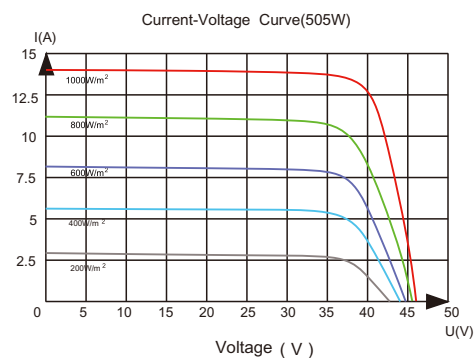
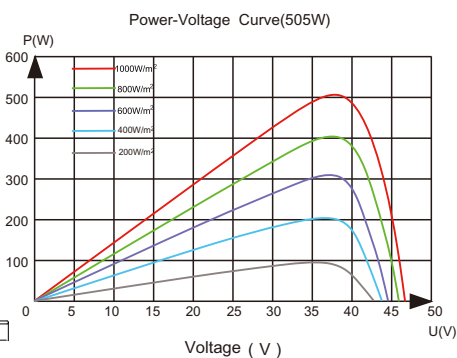
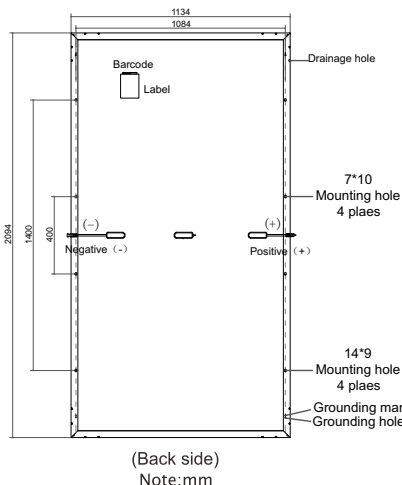
Pallet Dimensions	2145×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	682

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.