



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



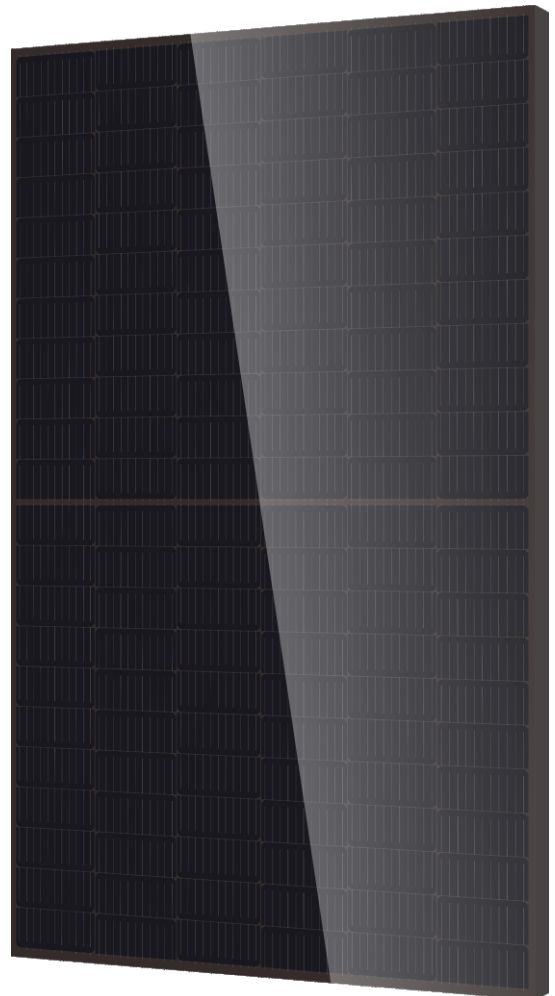
### Guarantee

Warranty comes from one of the most financially healthy PV providers

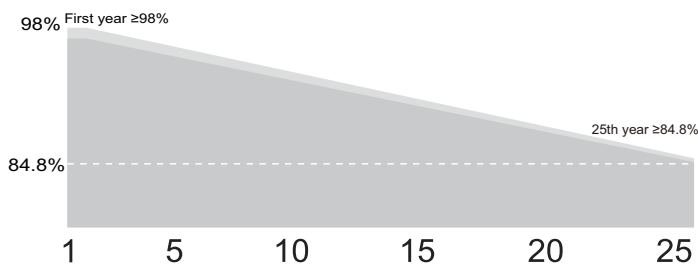


### Service

Customer-oriented and local services



## Warranty



**15** Years product warranty

**25** Years power output warranty

A Member of the Hengdian Group

Ver:20231228A5

## Electrical Specifications

Module Type	DM490M10-66HBB		DM495M10-66HBB		DM500M10-66HBB		DM505M10-66HBB	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
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 (%)	20.6%		20.8%		21.1%		21.3%	

Pmax Tolerance: 0/+3% STC:AM1.5 1000W/m<sup>2</sup> 25 °C NMOT:AM1.5 800W/m<sup>2</sup> 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 <sup>2</sup> /Portrait: 350mm (+)/250mm(-) Landscape: 1300mm(+)/1300mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4 (1000V)

## Packaging

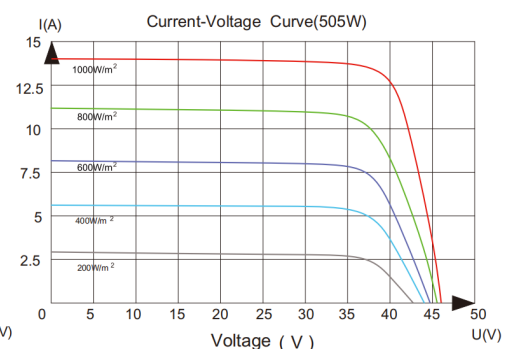
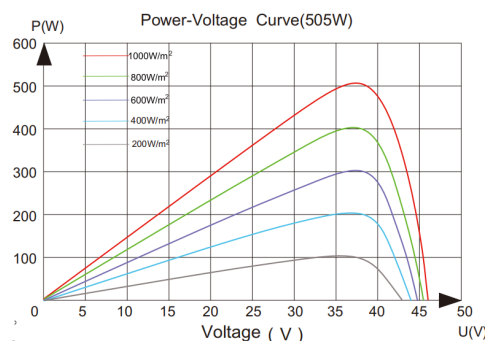
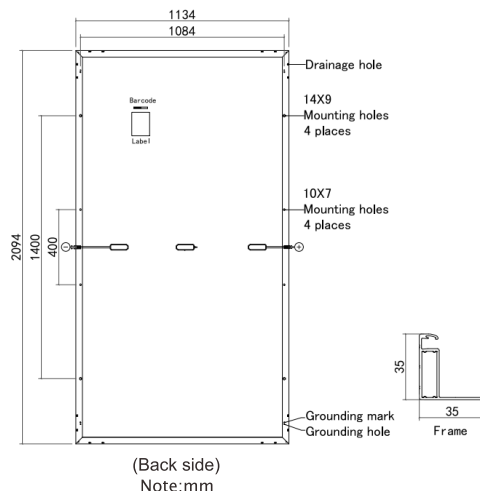
Pallet Dimensions	2145×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	682

## 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



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