



Best Choice for
Residential



485 / 490 / 495 / 500

DM500M10-B66HBB



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



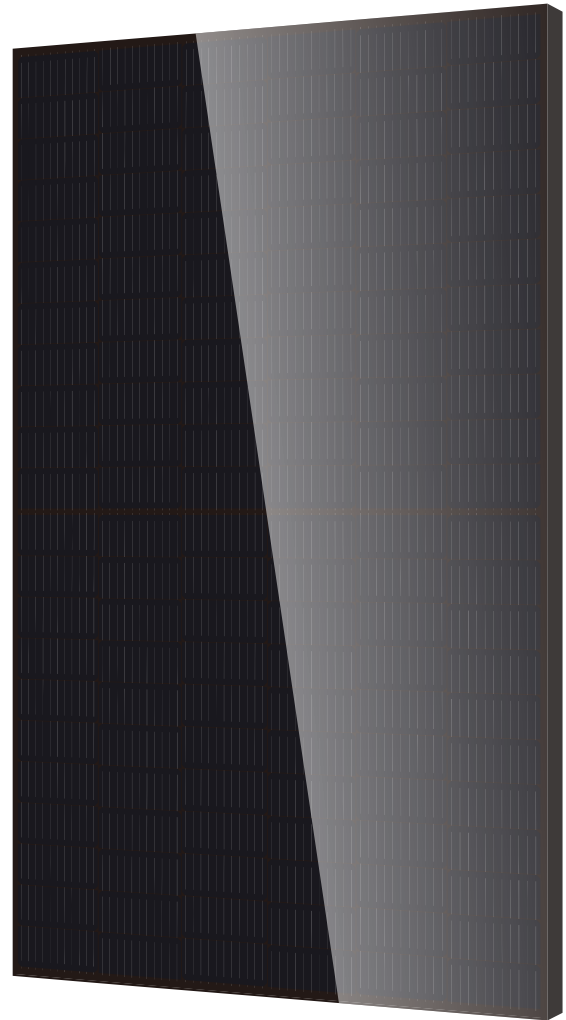
Guarantee

Warranty comes from one of the most financial healthy PV providers

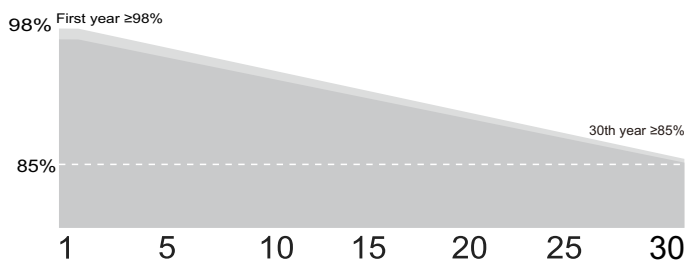


Service

Customer-oriented and local services



Warranty



15 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20220615A0

Electrical Specifications

Module Type	DM485M10-B66HBB		DM490M10-B66HBB		DM495M10-B66HBB		DM500M10-B66HBB	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Pm(W)	485	390	490	394	495	398	500	402
Imp(A)	13.14	10.57	13.21	10.62	13.28	10.68	13.35	10.74
Vmp(V)	36.95	36.87	37.13	37.05	37.30	37.22	37.47	37.39
Isc(A)	13.54	10.78	13.61	10.83	13.68	10.89	13.75	10.95
Voc(V)	45.38	44.98	45.50	45.10	45.62	45.22	45.74	45.34
Module Efficiency	20.43%		20.64%		20.85%		21.06%	
Pm Tolerance 0/+3% Bifaciality:70%±10% STC:AM1.5 1000W/m ² 25°C NOCT:AM1.5 800W/m ² 20°C 1m/s Measurement uncertainty:±3%								

Bifacial Gain

10%	Pm(STC)	534W	539W	545W	550W
20%	Pm(STC)	582W	588W	594W	600W
30%	Pm(STC)	631W	637W	644W	650W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	132(6x22)
Module Dimensions	2094x1134x35mm
Weight	30.2kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	4mm ² /1300mm or Customized Length
Connector Type	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)

Packaging

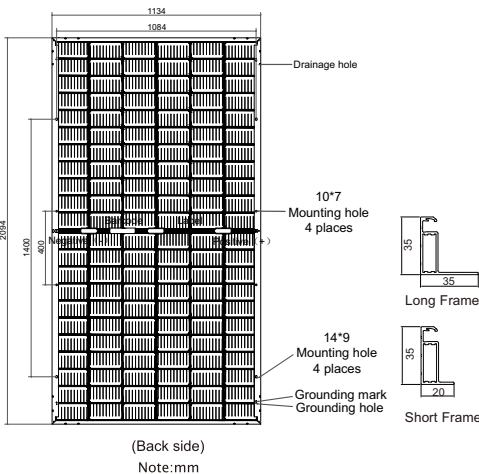
Pallet dimensions	2145×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	682

Temperature Characteristics

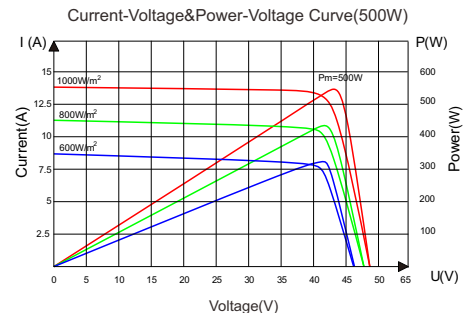
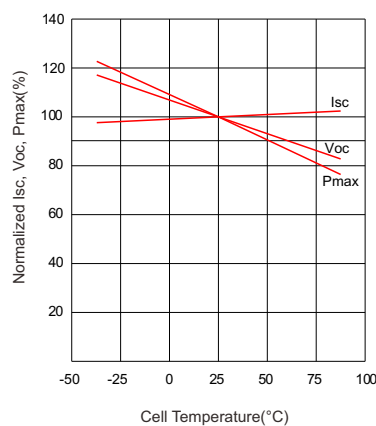
Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	30A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)	Fire Rating Class	Class C



Temperature Dependence of Isc, Voc, Pmax(°C)



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