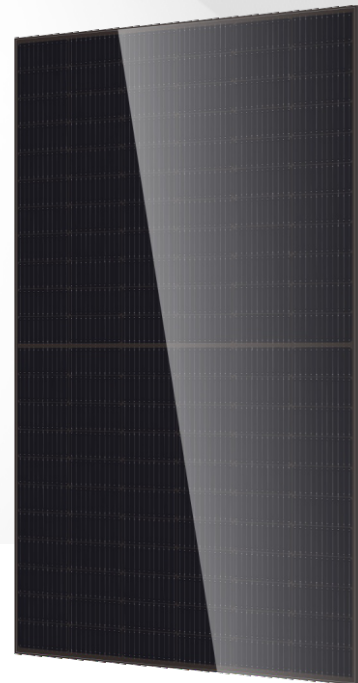




Quality. Performance. Value.

# 485 / 490 / 495 / 500

## DM500M10-66HBB/-V



### Technology

High module conversion efficiency through superior manufacturing technology



### DMEGC cell inside

Over decade cell production experience  
Qualified by most of module manufacturers  
5G enhanced manufactory



### PID Free

Excellent PID resistance according to IEC TS 62804-1



### Performance

High performance under low light conditions (Cloudy days, mornings and evenings)



### Quality

Manufactured according to International Quality, Health and Safety, Environmental Management Systems(ISO9001, ISO14001, ISO45001)



### Value

Assured by the manufacturer who is the very most healthy PV provider



### Social responsibility

SA8000 certified by TÜV Nord  
Low carbon footprint traceable



### Service

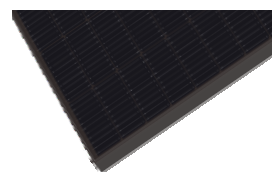
Local office support, immediate response

## Superior Manufacturing-Quality Assurance



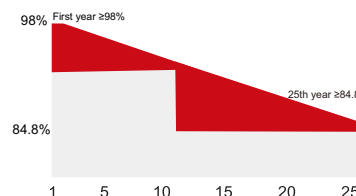
- TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% two EL tests

## Visible Quality



- Durable, high-quality
- Rigid construction: 5400Pa & 2400Pa rated assembly

## Warranty



- 12 Years product warranty
- 25 Years power output warranty
- 0.55% Annual Degradation Over 25 years

A Member of the Hengdian Group

Ver:20220117A0

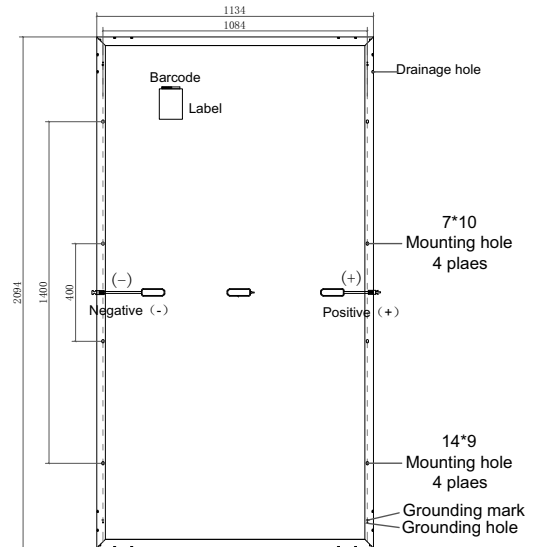
## Electrical Specifications

\* STC irradiance of 1000W/m<sup>2</sup> spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	Imp(A)	Vmp(V)	Isc(A)	Voc (V)	Module Efficiency
DM485M10-66HBB/-V	485	±3%	13.14	36.95	13.54	45.38	20.42%
DM490M10-66HBB/-V	490	±3%	13.21	37.13	13.61	45.50	20.64%
DM495M10-66HBB/-V	495	±3%	13.28	37.30	13.68	45.62	20.85%
DM500M10-66HBB/-V	500	±3%	13.35	37.47	13.75	45.74	21.06%

## Mechanical Data

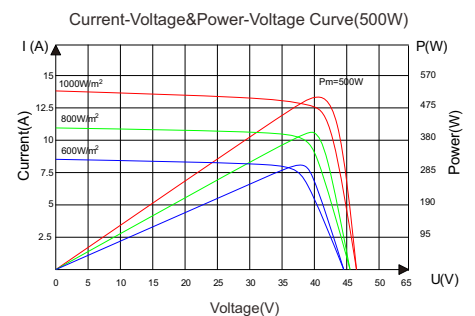
Cell Type	P type Mono-crystalline
Cell Arrangement	66(6x11)
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV module classification	Class II
Junction Box Rating	Ip68
Cables	4mm <sup>2</sup> /1300mm or Customized Length
Connector Type	MC4/MC4 Compatible
Fire Rating Class	Class C



(Back side)  
Note: mm

## Maximum Ratings

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V/1500V DC(IEC)
Maximum Series Fuse Rating	25A
Number of Diodes	3

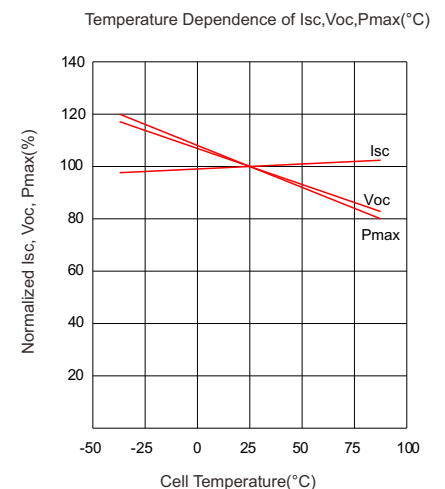


## Packaging

Module Dimensions	2094x1134x35mm
Weight	26.6kg
Container	40' HQ
Pieces per Pallet	31
Pieces per Container	682

## Temperature Characteristics

Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C



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



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