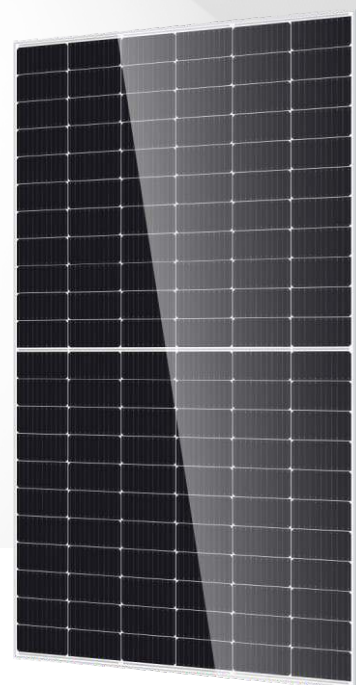




Quality. Performance. Value.

490 / 495 / 500 / 505

DM505M10-66HSW/-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



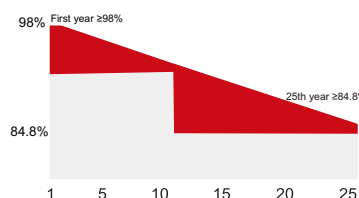
- TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% twice EL tests

Visible Quality



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

Warranty



- 12 Years product warranty
- 25 Years power output warranty

A Member of the Hengdian Group

Ver:20220316A2

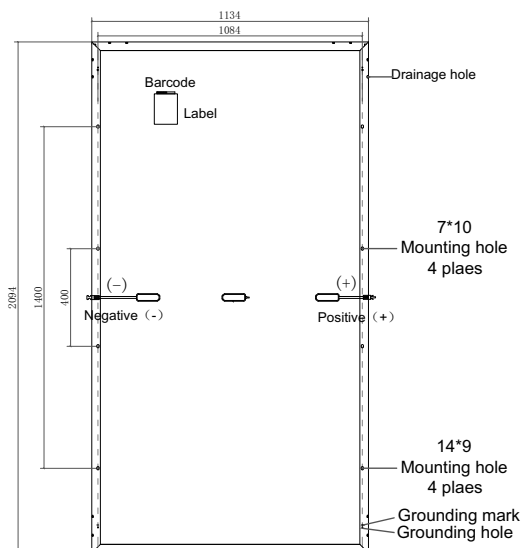
Electrical Specifications

* STC irradiance of 1000W/m² spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	I _{mp} (A)	V _{mp} (V)	I _{sc} (A)	V _{oc} (V)	Module Efficiency
DM490M10-66HSW/-V	490	0/+3%	13.21	37.13	13.61	45.50	20.64%
DM495M10-66HSW/-V	495	0/+3%	13.28	37.30	13.68	45.62	20.85%
DM500M10-66HSW/-V	500	0/+3%	13.35	37.47	13.75	45.74	21.06%
DM505M10-66HSW/-V	505	0/+3%	13.43	37.63	13.83	45.86	21.27%

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 ² /1300mm or Customized Length
Connector Type	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)
Fire Rating Class	Class C

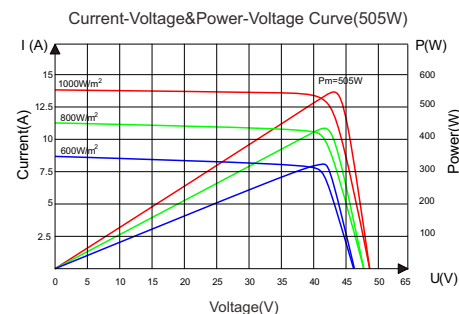


(Back side)

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

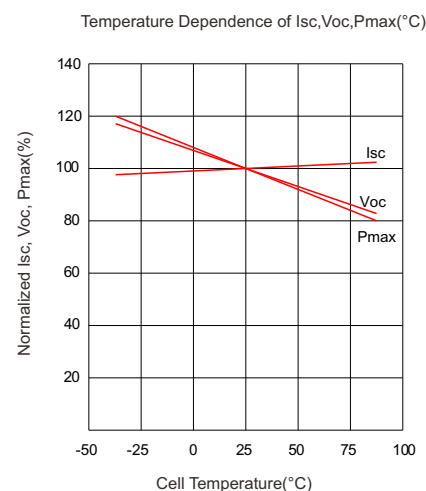


Packaging

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

Temperature Characteristics

Temperature Coefficient of I _{sc}	+0.0448%/°C
Temperature Coefficient of V _{oc}	-0.246%/°C
Temperature Coefficient of P _{max}	-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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