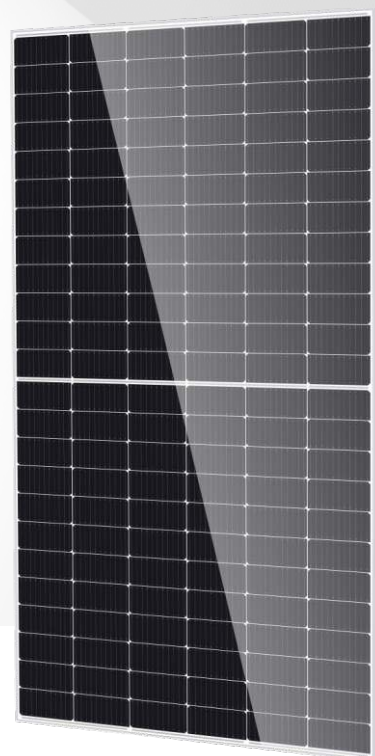




**DMEGC** *Quality. Performance. Value.*

**DM535M10-72HSW/-V**  
**DM540M10-72HSW/-V**  
**DM545M10-72HSW/-V**  
**DM550M10-72HSW/-V**

Power tolerance: 0-5W



### 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



### 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



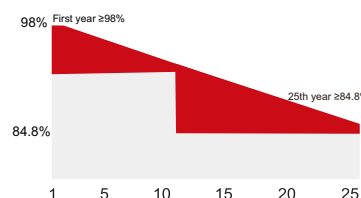
- TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% two EL tests

## 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:20211129A3

## Electrical Specifications

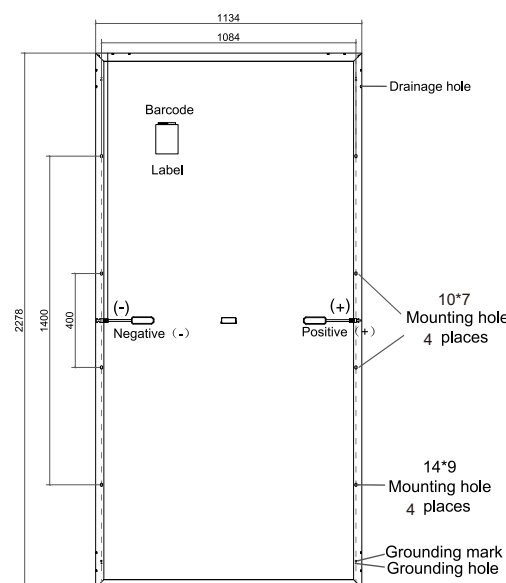
\* STC irradiance of 1000W/m<sup>2</sup> spectrum AM 1.5 and cell temperature of 25°C

Module Type	Pm(W)	Tolerance	Imp(A)	Vmp(V)	Isc(A)	Voc (V)	Module Efficiency
DM535M10-72HSW/-V	535	±3%	13.21	40.53	13.61	49.65	20.71%
DM540M10-72HSW/-V	540	±3%	13.28	40.69	13.68	49.77	20.90%
DM545M10-72HSW/-V	545	±3%	13.35	40.85	13.75	49.89	21.10%
DM550M10-72HSW/-V	550	±3%	13.42	41.01	13.82	50.01	21.29%

Tolerance: Pmax±3%: Voc±3%; Isc±4%

## Mechanical Data

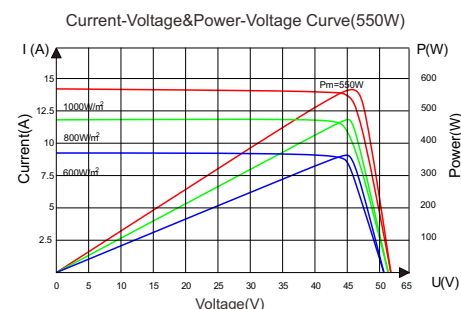
Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	4mm <sup>2</sup> /1300mm or Customized Length
Connector Type	PV-KST4/xy-UR;PV-KBST/xy-UR
Fire Rating Class	Class C



(Back side)  
Note:mm

## Maximum Ratings

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

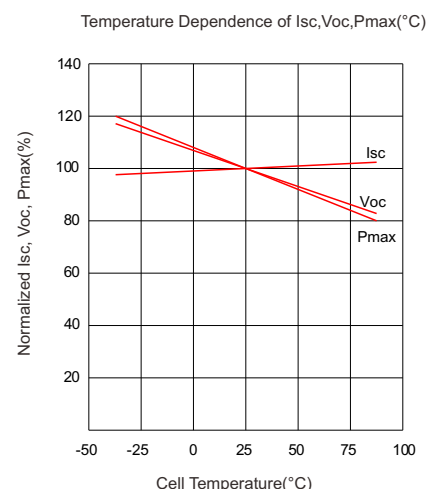


## Packaging

Module Dimensions	2278x1134x35mm
Weight	29.0kg
Container	40' HQ
Pieces per Pallet	31
Pieces per Container	620

## 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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