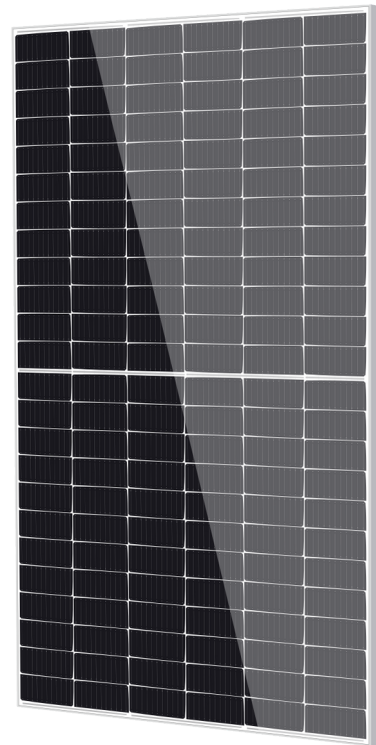


## 535 / 540 / 545 / 550

### DM550M10-72HSW/-V



Tier 1



#### 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 and Environmental Management Systems (ISO 9001, ISO 14001)

#### Value

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

#### Social responsible

ISO45001 certified Ecovadis silver medal awarded  
Low carbon foot print traceable

#### Service

Local office support ,immediate response

#### Superior Manufacturing-Quality Assurance



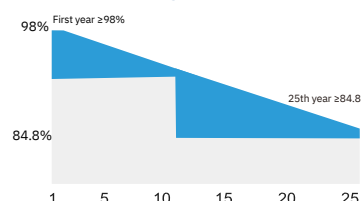
- TQC & SPC quality control systems
- Advanced cell sorting to avoid electric mismatch
- 100% two EL tests

#### 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

## Technical 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 DM535M10-72HSW-V	535	0/+3%	13.21	40.53	13.61	49.65	20.70%
DM540M10-72HSW DM540M10-72HSW-V	540	0/+3%	13.28	40.69	13.68	49.77	20.89%
DM545M10-72HSW DM545M10-72HSW-V	545	0/+3%	13.35	40.85	13.75	49.89	21.09%
DM550M10-72HSW DM550M10-72HSW-V	550	0/+3%	13.42	41.01	13.82	50.01	21.28%

## Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Structure	Glass/Encapsulant/Backsheet 3.2mm
Glass Thickness	Class II
PV module classification	IP67/IP68
Junction Box Rating	4mm <sup>2</sup> /1300mm or Customized Length
Cables	MC4/MC4 Compatible
Connector Type	Class C
Fire Rating Class	

## Maximum Ratings

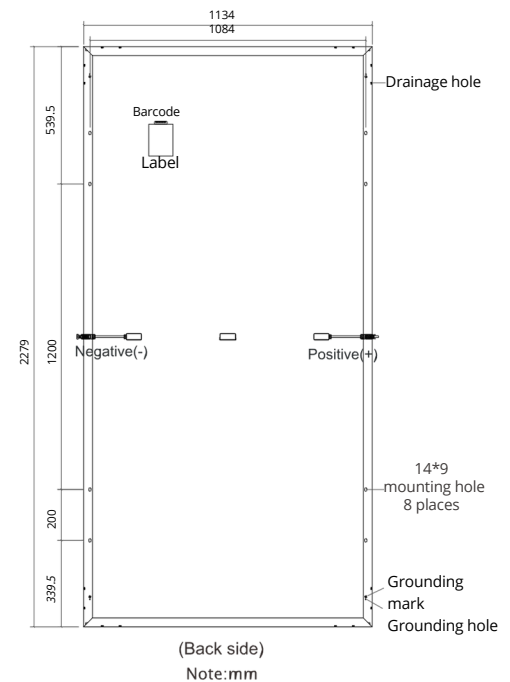
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V/1500V
Maximum Series Fuse Rating	DC(IEC) 25A
Number of Diodes	3

## Packaging

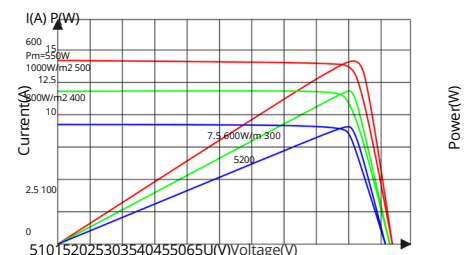
Module Dimensions	2279x1134x35mm
Weight	29.0kg
Container	40' HQ
Pieces per Pallet	31
Pieces per Container	620

## Temperature Characteristics

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



Current-Voltage&Power-Voltage Curve(550W)



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

