



Best Choice for  
Utility



# 535 / 540 / 545 / 550

## DM550M10-72HSW/-V



### Performance

Lower LCOE, reduced BOS cost, short payback time



### Quality

Over 40 years of manufacturing experience in house wafer, cell and module



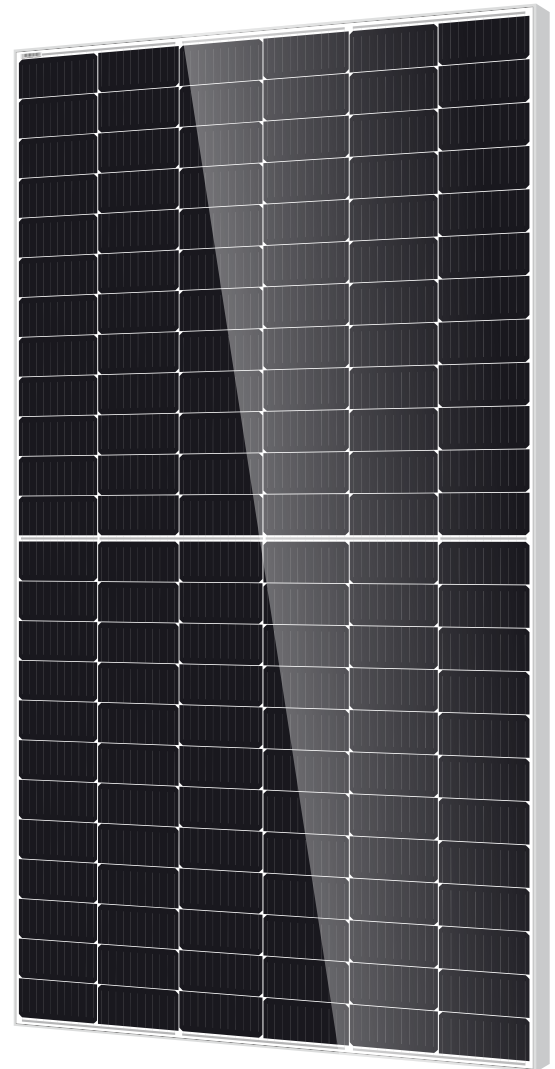
### Guarantee

Warranty comes from one of the most financial healthy PV providers

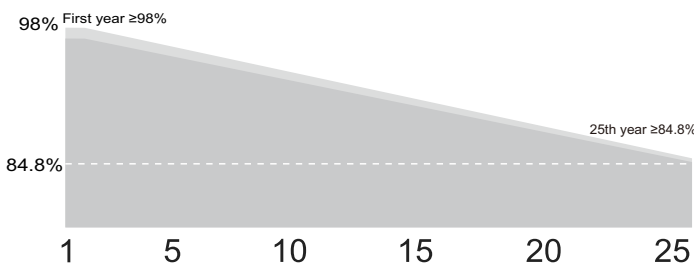


### Service

Customer-oriented and local services



### Warranty



**12** Years product warranty

**25** Years power output warranty

## Electrical Specifications

Module Type	DM535M10-72HSW/-V		DM540M10-72HSW/-V		DM545M10-72HSW/-V		DM550M10-72HSW/-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Pm(W)	535	430	540	434	545	438	550	442
Imp(A)	13.21	10.63	13.28	10.68	13.35	10.74	13.42	10.80
Vmp(V)	40.53	40.44	40.69	40.60	40.85	40.76	41.01	40.92
Isc(A)	13.61	10.83	13.68	10.89	13.75	10.95	13.82	11.00
Voc(V)	49.65	49.22	49.77	49.33	49.89	49.45	50.01	49.57
Module Efficiency	20.71%		20.90%		21.10%		21.29%	

Pm Tolerance 0/+3% STC:AM1.5 1000W/m<sup>2</sup> 25°C NOCT:AM1.5 800W/m<sup>2</sup> 20°C 1m/s Measurement uncertainty:±3%

## Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2278x1134x35mm
Weight	29kg
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	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)

## Packaging

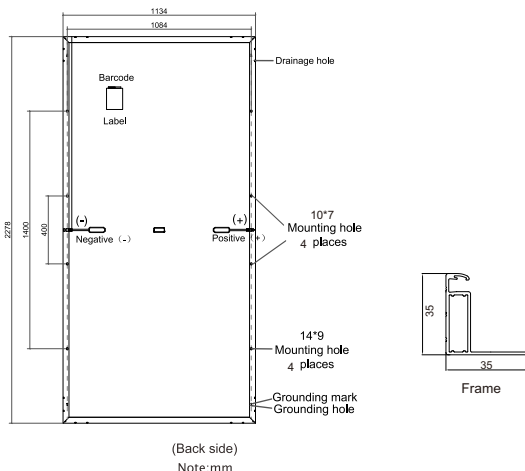
Pallet dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	620

## Temperature Characteristics

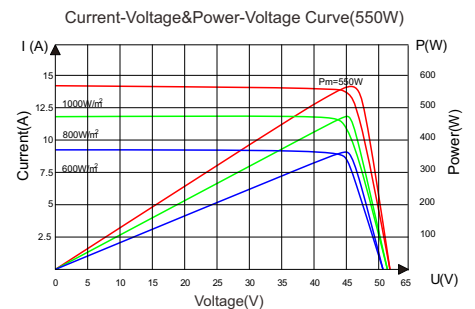
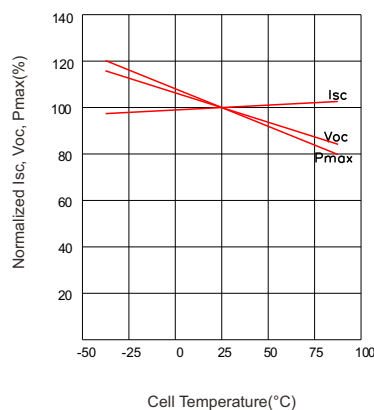
Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

## Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	25A
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.