



Best Choice for  
Utility



## MONO-FACIAL MODULE

# 540 / 545 / 550 / 555

DM540M10-72HSW/HBW

DM545M10-72HSW/HBW

DM550M10-72HSW/HBW

DM555M10-72HSW/HBW



### Performance

Lower LCOE, reduced BOS cost, short payback time



### Quality

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



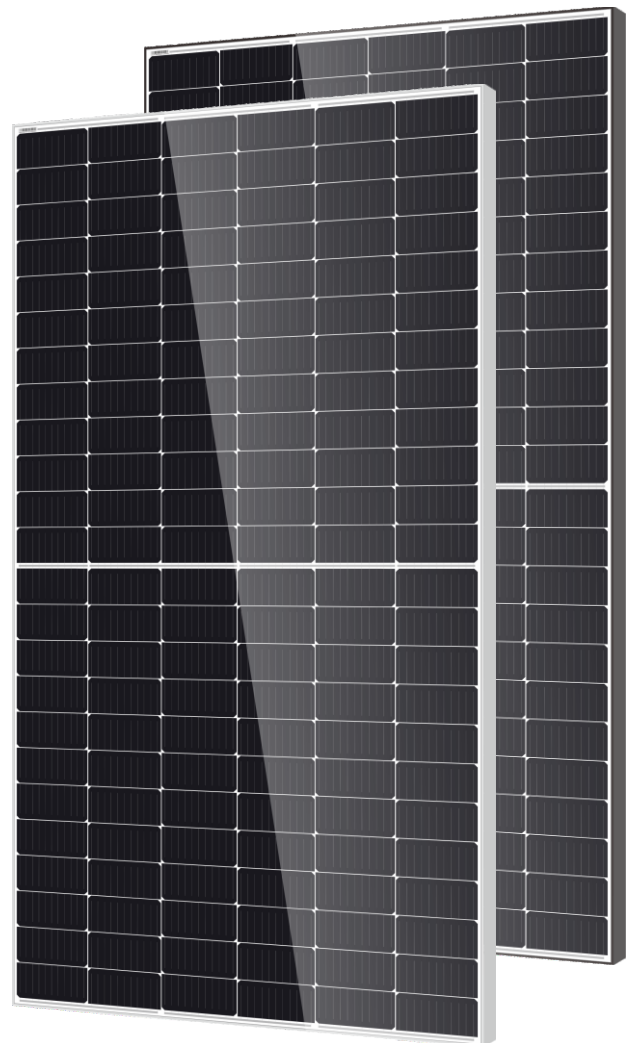
### Guarantee

Warranty comes from one of the most financially healthy PV providers

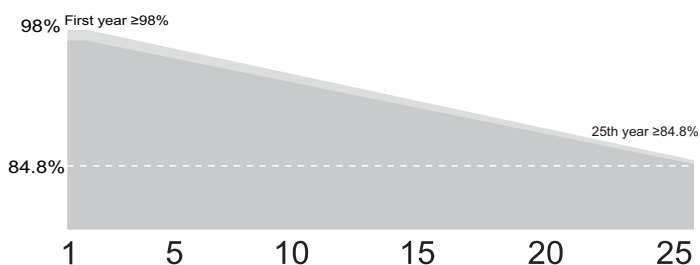


### Service

Customer-oriented and local services



## Warranty



**12** Years product warranty

**25** Years power output warranty

A Member of the Hengdian Group

Ver:20221108A4

## Electrical Specifications

Module Type	DM540M10-72HSW/HBW		DM545M10-72HSW/HBW		DM550M10-72HSW/HBW		DM555M10-72HSW/HBW	
	DM540M10-72HSW/HBW-V		DM545M10-72HSW/HBW-V		DM550M10-72HSW/HBW-V		DM555M10-72HSW/HBW-V	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	540	409	545	413	550	417	555	421
Maximum Power Current (Imp/A)	13.12	10.40	13.19	10.46	13.26	10.52	13.33	10.57
Maximum Power Voltage (Vmp/V)	41.16	39.35	41.32	39.50	41.48	39.66	41.64	39.81
Short-circuit Current (Isc/A)	13.97	11.21	14.04	11.26	14.11	11.32	14.18	11.37
Open-circuit Voltage (Voc/V)	49.59	47.10	49.74	47.24	49.89	47.39	50.04	47.53
Module Efficiency STC (%)	20.90%		21.10%		21.29%		21.48%	

Pmax 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	28.7kg
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	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-EVO 2A (1500V)

## Packaging

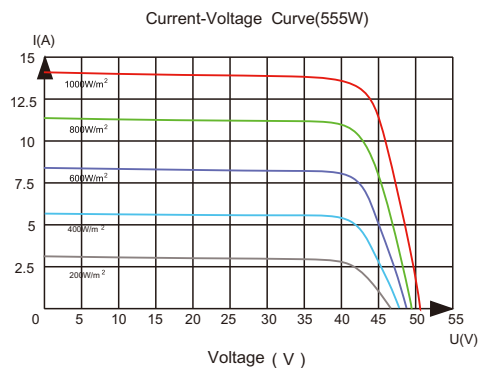
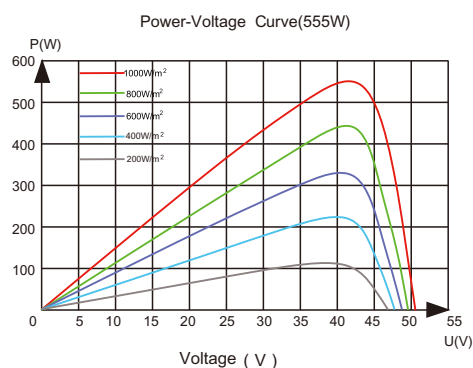
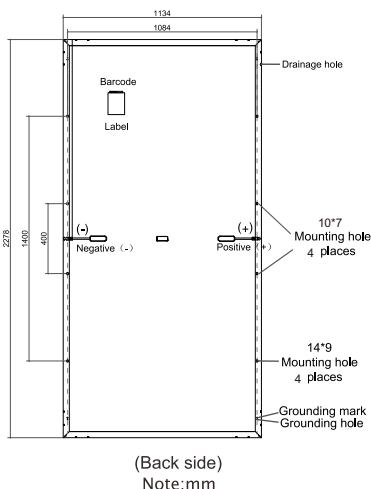
Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	620

## 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



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