



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



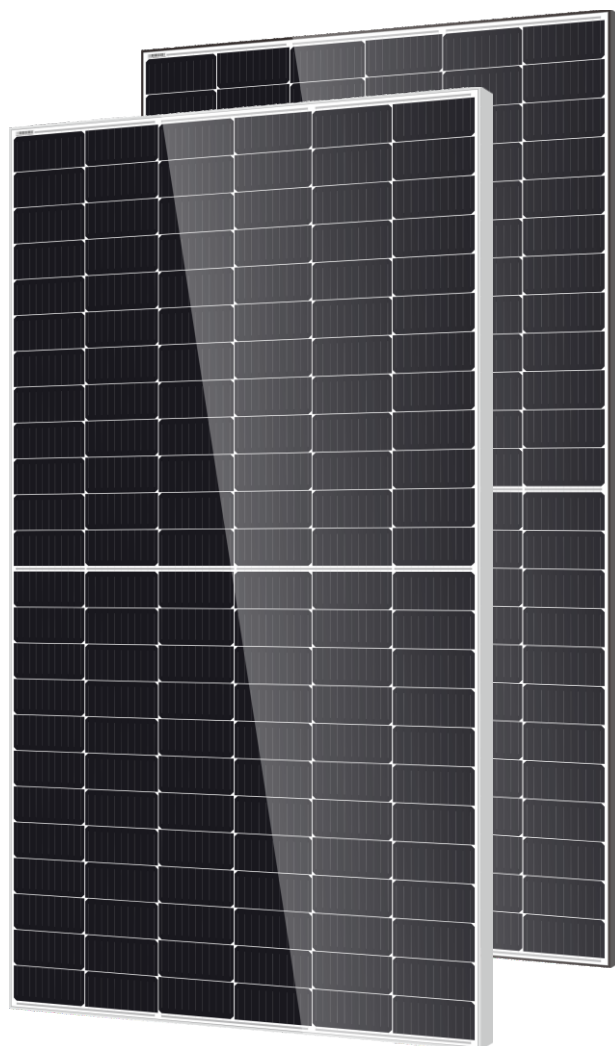
Guarantee

Warranty comes from one of the most
financially healthy PV providers

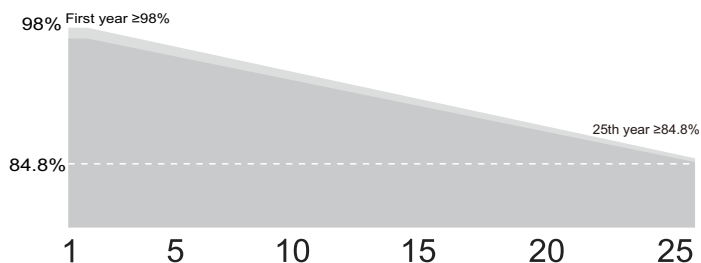


Service

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 DM540M10-72HSW/HBW-V		DM545M10-72HSW/HBW DM545M10-72HSW/HBW-V		DM550M10-72HSW/HBW DM550M10-72HSW/HBW-V		DM555M10-72HSW/HBW 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/m² 25℃ NOCT:AM1.5 800W/m² 20℃ 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 ² /1300mm or Customized Length
Connector Type	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

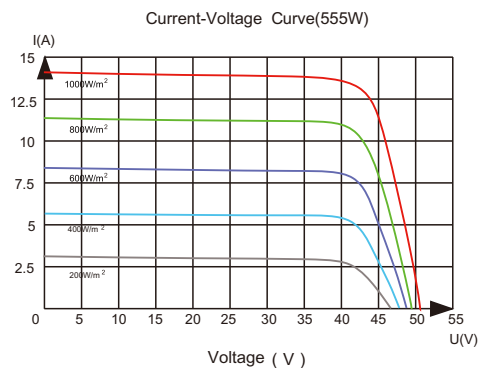
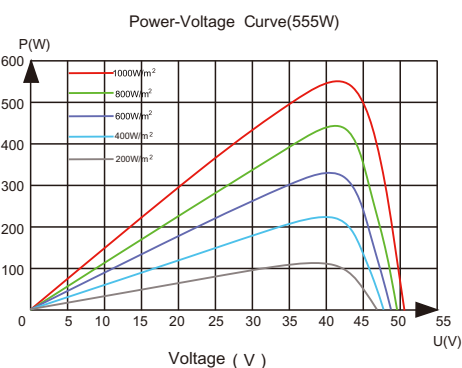
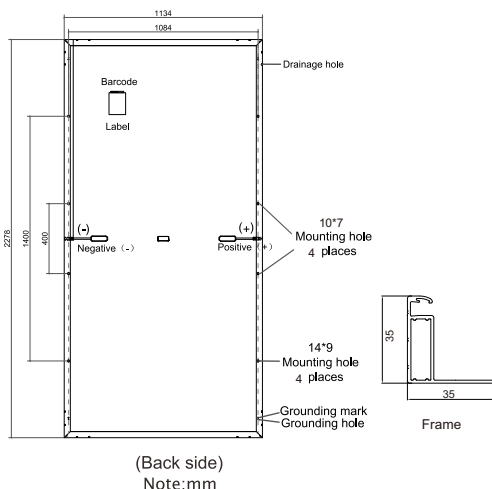
Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	620

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.