



Best Choice for
Utility



535 / 540 / 545 / 550

DM550M10-B72HSW



Performance

Lower LCOE, reduced BOS cost, short payback time



Quality

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



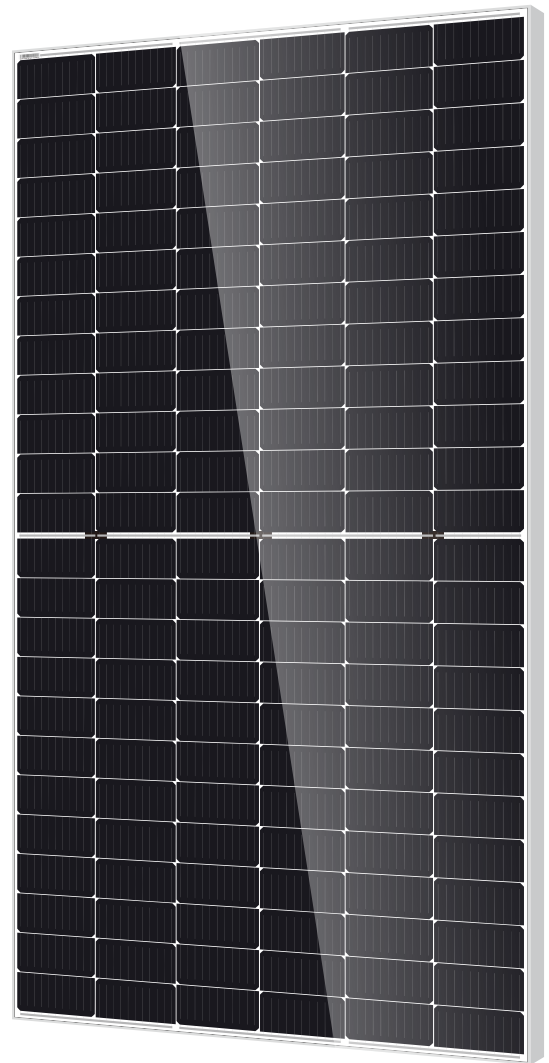
Guarantee

Warranty comes from one of the most financial healthy PV providers

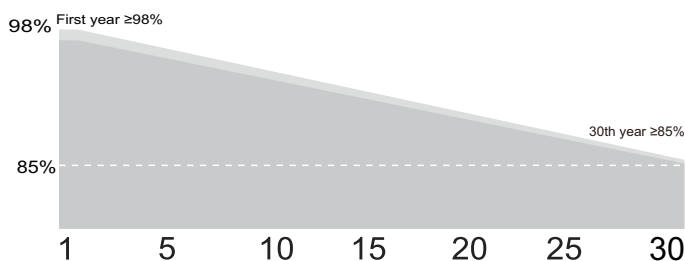


Service

Customer-oriented and local services



Warranty



15 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20220617A0

Electrical Specifications

Module Type	DM535M10-B72HSW		DM540M10-B72HSW		DM545M10-B72HSW		DM550M10-B72HSW	
Testing Condition	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% Bifaciality:70%±10% STC:AM1.5 1000W/m ² 25°C NOCT:AM1.5 800W/m ² 20°C 1m/s Measurement uncertainty:±3%								

Bifacial Gain

Gain	Parameter	DM535M10-B72HSW	DM540M10-B72HSW	DM545M10-B72HSW	DM550M10-B72HSW
10%	Pm(STC)	589W	594W	600W	605W
20%	Pm(STC)	642W	648W	654W	660W
30%	Pm(STC)	696W	702W	709W	715W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2278x1134x35mm
Weight	33.3kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV module classification	Class II
Junction Box Rating	IP67/IP68
Cables	4mm ² /1300mm or Customized Length
Connector Type	MC4/MC4 Compatible(1000V) EVO2/EVO2 Compatible(1500V)

Packaging

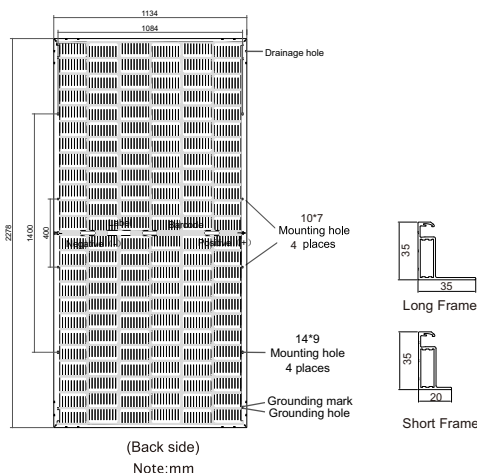
Pallet dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	620

Temperature Characteristics

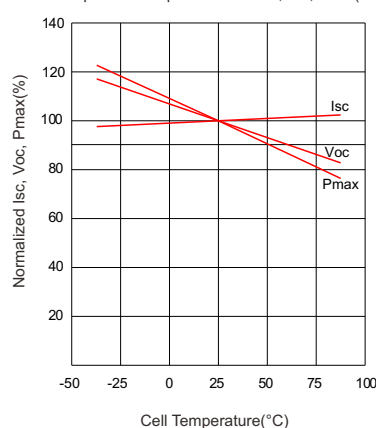
Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

Maximum Ratings

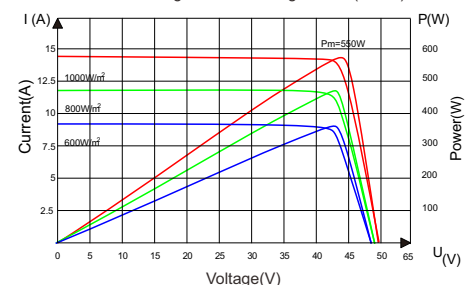
Operating Temperature	-40°C to +85°C	Maximum Series Fuse Rating	30A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)	Fire Rating Class	Class C



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



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



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