



Best Choice for
Utility



BIFACIAL MODULE WITH DUAL GLASS

545 / 550 / 555 / 560

DM545M10-B72HSW
DM550M10-B72HSW
DM555M10-B72HSW
DM560M10-B72HSW



Performance

Lower LCOE, reduced BOS cost, short payback time



Quality

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



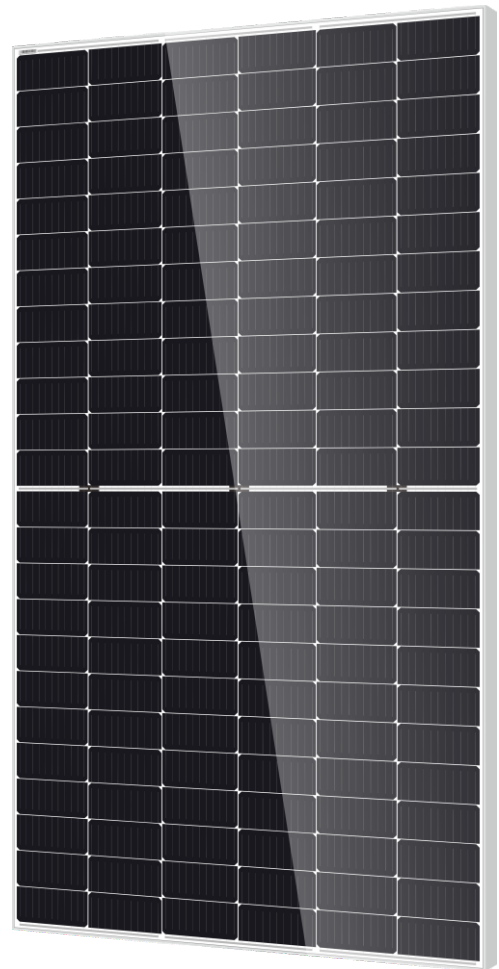
Guarantee

Warranty comes from one of the most financially healthy PV providers

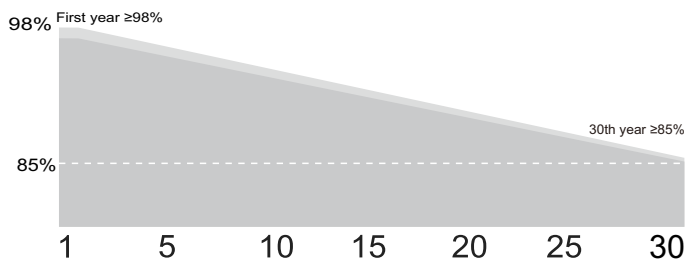


Service

Customer-oriented and local services



Warranty



15 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20231208A6

Electrical Specifications

Module Type	DM545M10-B72HSW		DM550M10-B72HSW		DM555M10-B72HSW		DM560M10-B72HSW	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	545	413	550	417	555	421	560	425
Maximum Power Current (Imp/A)	13.19	10.50	13.26	10.55	13.33	10.61	13.40	10.66
Maximum Power Voltage (Vmp/V)	41.32	39.37	41.48	39.52	41.64	39.68	41.80	39.83
Short-circuit Current (Isc/A)	14.04	11.37	14.11	11.43	14.18	11.48	14.25	11.54
Open-circuit Voltage (Voc/V)	49.74	47.09	49.89	47.23	50.04	47.37	50.19	47.52
Module Efficiency STC (%)	21.1%		21.3%		21.5%		21.7%	

Pmax Tolerance: 0/+3% Bifaciality:70%±10% STC:AM1.5 1000W/m 25 °C NMOT:AM1.5 800W/m 20 °C 1m/s Measurement uncertainty:±3%

Bifacial Gain

10%	Pmax(STC)	600W	605W	611W	616W
20%	Pmax(STC)	654W	660W	666W	672W
30%	Pmax(STC)	709W	715W	722W	728W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2278x1134x30mm
Weight	32kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm ² /Portrait: 350mm (+)/250mm(-) Landscape: 1300mm(+)/1300mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

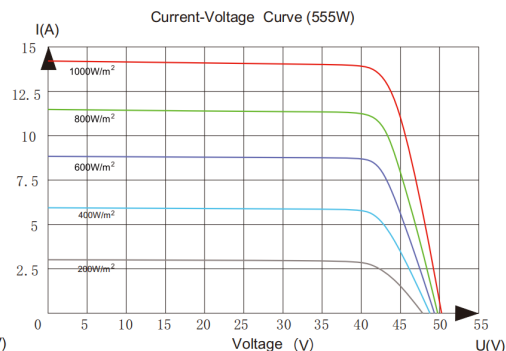
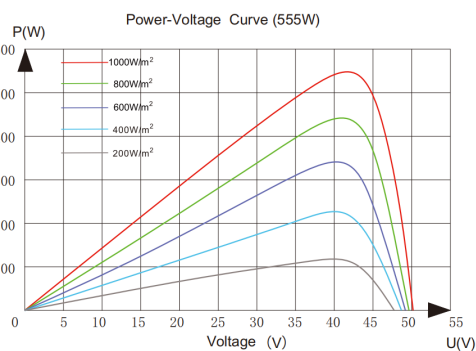
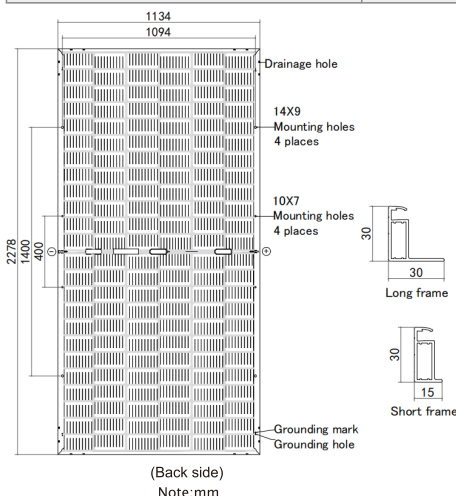
Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	720

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42±2°C
Temperature Coefficient of Isc	+0.063%/°C
Temperature Coefficient of Voc	-0.269%/°C
Temperature Coefficient of Pmax	-0.335%/°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	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.