



Residential / Commercial / Utility



440 / 445 / 450 / 455

DM455M6-B72HSW



Adaptability

Best size and excellent performance for various application scenarios



Quality

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



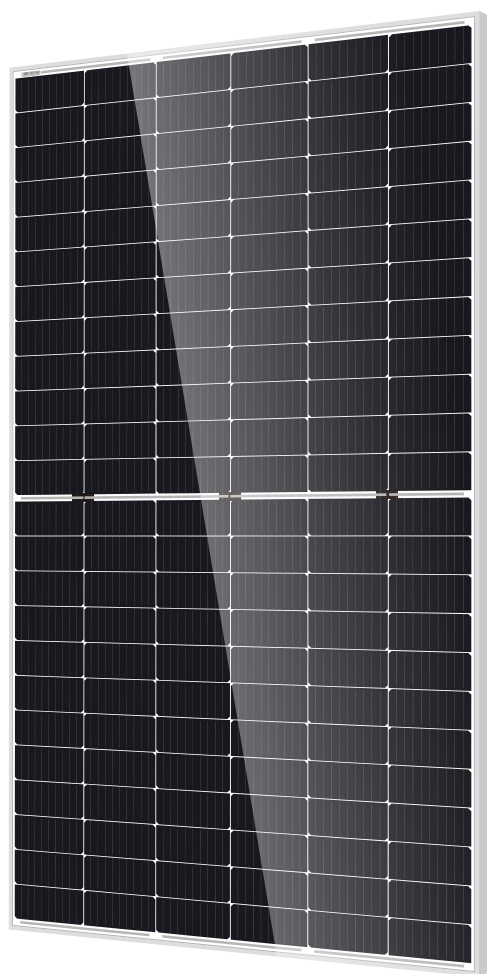
Guarantee

Warranty comes from one of the most financial healthy PV providers

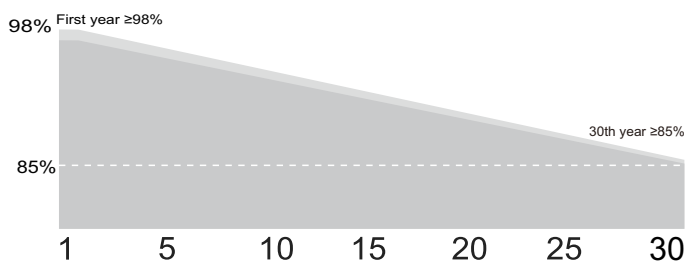


Service

Customer-oriented and local services



Warranty



15 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20220909A1

Electrical Specifications

Module Type	DM440M6-B72HSW		DM445M6-B72HSW		DM450M6-B72HSW		DM455M6-B72HSW	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Pm(W)	440	355	445	359	450	363	455	367
Imp(A)	10.84	8.76	10.92	8.83	11.01	8.89	11.10	8.96
Vmp(V)	40.60	40.49	40.77	40.66	40.91	40.80	41.04	40.93
Isc(A)	11.26	8.97	11.35	9.04	11.43	9.10	11.51	9.17
Voc(V)	49.97	49.56	50.12	49.71	50.27	49.85	50.42	50.00
Module Efficiency	20.24%		20.47%		20.70%		20.93%	
Pm Tolerance 0/+3%		Bifaciality:70%±10%		STC:AM1.5 1000W/m² 25℃ NOCT:AM1.5 800W/m² 20℃ 1m/s		Measurement uncertainty:±3%		

Bifacial Gain

10%	Pm(STC)	484W	490W	495W	501W
20%	Pm(STC)	528W	534W	540W	546W
30%	Pm(STC)	572W	579W	585W	592W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	144(6x24)
Module Dimensions	2094x1038x35mm
Weight	28.3kg
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

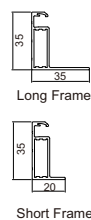
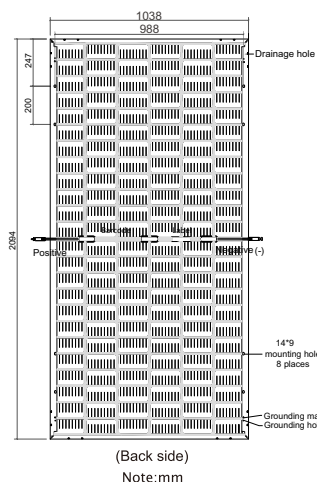
Pallet dimensions	2145×1140×1170mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	682

Temperature Characteristics

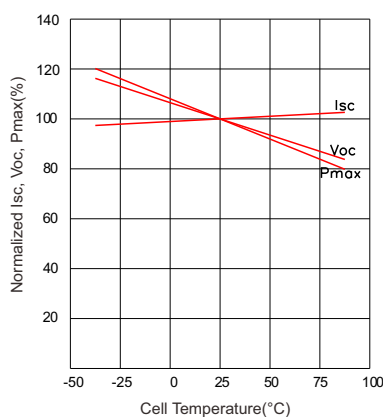
Nominal Operating Cell Temperature(NOCT)	42±3℃
Temperature Coefficient of Isc	+0.0487%/℃
Temperature Coefficient of Voc	-0.256%/℃
Temperature Coefficient of Pmax	-0.328%/℃

Maximum Ratings

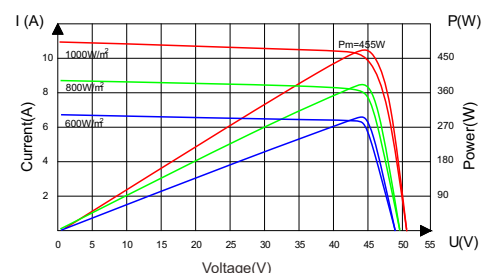
Operating Temperature	-40℃ to +85℃	Maximum Series Fuse Rating	25A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)	Fire Rating Class	Class C



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



Current-Voltage & Power-Voltage Curve(455W)



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