



Best Choice for
Residential



MONO-FACIAL MODULE

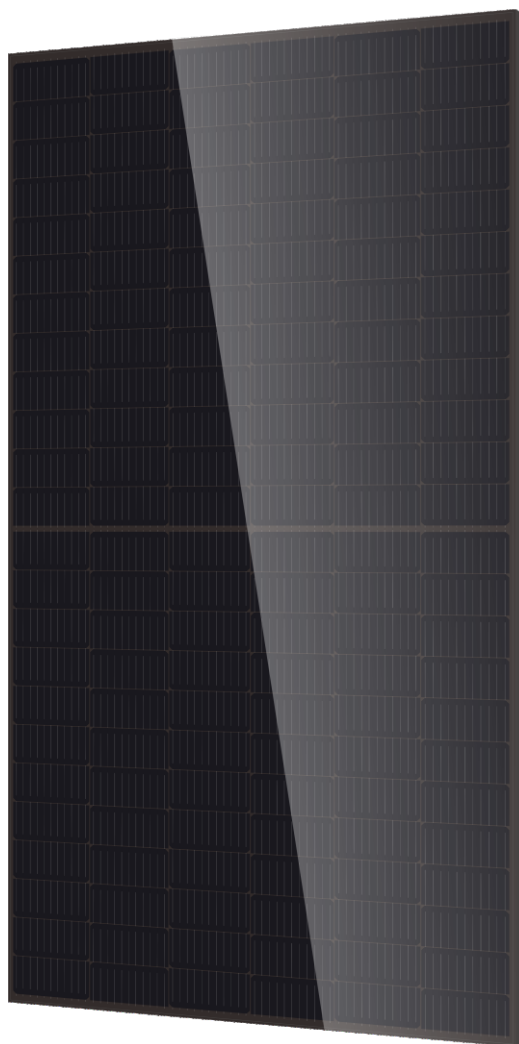
530 / 535 / 540 / 545

DM530M10-72HBB

DM535M10-72HBB

DM540M10-72HBB

DM545M10-72HBB



Aesthetics

Ultimate look of black modules, perfectly matching the owner's aesthetic pursuit



Quality

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



Guarantee

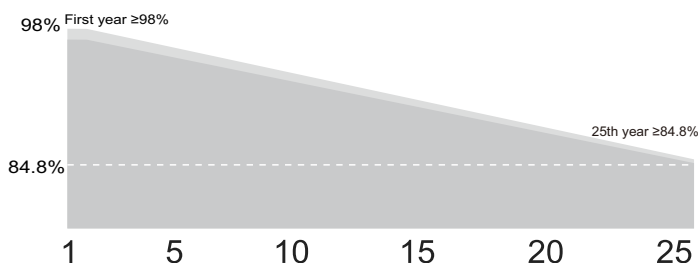
Warranty comes from one of the most financially healthy PV providers



Service

Customer-oriented and local services

Warranty



12 Years product warranty

25 Years power output warranty

A Member of the Hengdian Group



Ver:20221104A2

Electrical Specifications

Module Type	DM530M10-72HBB DM530M10-72HBB-V		DM535M10-72HBB DM535M10-72HBB-V		DM540M10-72HBB DM540M10-72HBB-V		DM545M10-72HBB DM545M10-72HBB-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	530	402	535	406	540	409	545	413
Maximum Power Current (Imp/A)	12.98	10.29	13.05	10.35	13.12	10.40	13.19	10.46
Maximum Power Voltage (Vmp/V)	40.84	39.05	41.00	39.20	41.16	39.35	41.32	39.50
Short-circuit Current (Isc/A)	13.83	11.09	13.90	11.15	13.97	11.21	14.04	11.26
Open-circuit Voltage (Voc/V)	49.29	46.82	49.44	46.96	49.59	47.10	49.74	47.24
Module Efficiency STC (%)	20.52%		20.71%		20.90%		21.10%	

Pmax Tolerance 0/+3% STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 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 ² /1300mm or Customized Length
Connector Type	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

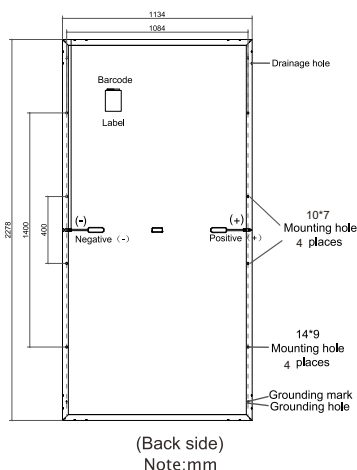
Pallet Dimensions	2320×1140×1250mm
Container	40'HQ
Pieces per Pallet	31
Pieces per Container	620

Temperature Characteristics

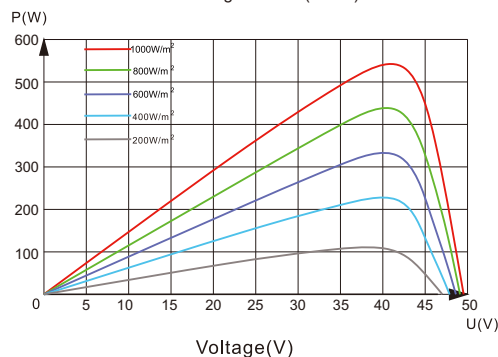
Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

Maximum Ratings

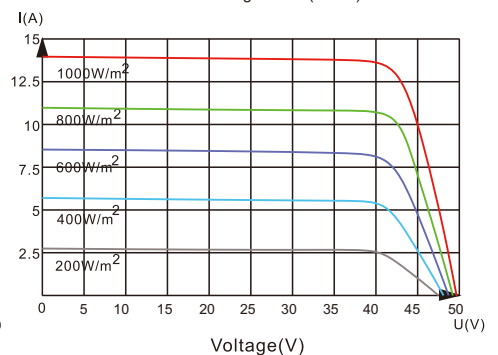
Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	25A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)	Fire Rating Class	Class C



Power-Voltage Curve (545W)



Current-Voltage Curve(545W)



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