



## **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



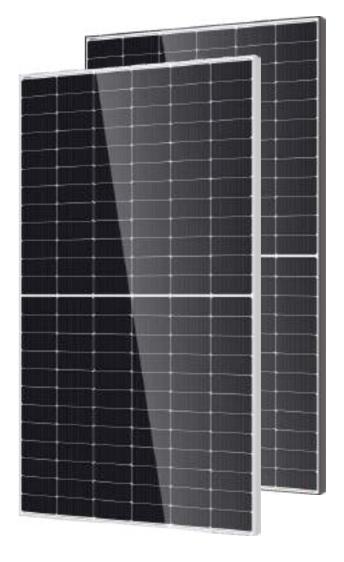
#### Guarantee

Warranty comes from one of the most financially healthy PV providers

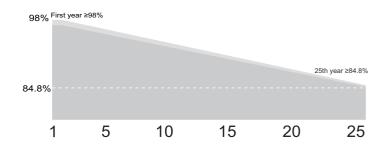


#### Service

Customer-oriented and local services



# **Warranty**















12 Years product warranty

**25** Years power output warranty

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%	

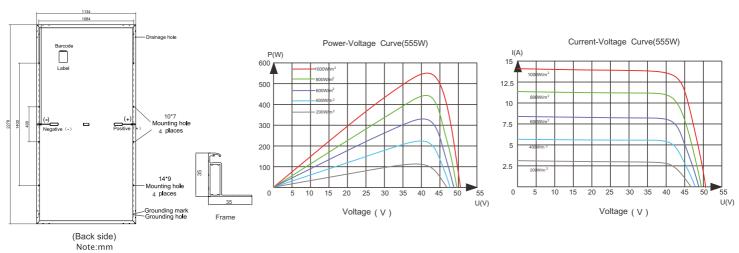
Pmax Tolerance 0/+3% STC:AM1.5 1000W/m² 25℃ NOCT:AM1.5 800W/m² 20℃ 1m/s Measurement uncertainty:±3%

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	4mm²/1300mm 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.

