



Best Choice for Residential



395 / 400 / 405 / 410

DM M10-54HBB



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



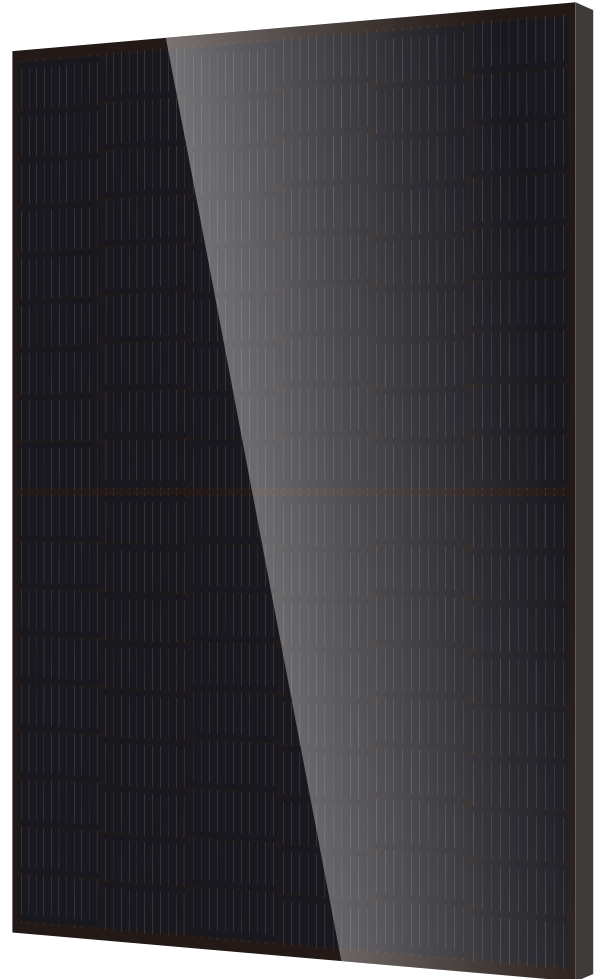
Guarantee

Warranty comes from one of the most financially healthy PV providers

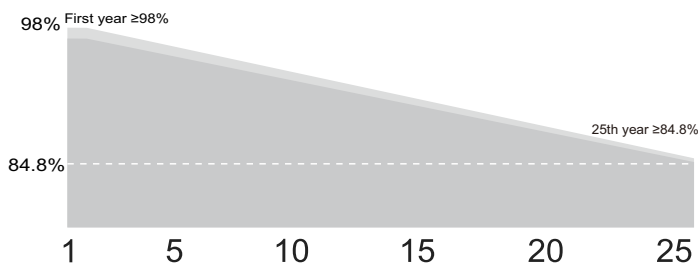


Service

Customer-oriented and local services



Warranty



25 Years power output warranty

***25** Years product warranty for amara micro

A Member of the Hengdian Group

Ver:20221025A1

Electrical Specifications

Module Type	DM395M10-54HBB DM395M10-54HBB-V		DM400M10-54HBB DM400M10-54HBB-V		DM405M10-54HBB DM405M10-54HBB-V		DM410M10-54HBB DM410M10-54HBB-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	395	299	400	303	405	307	410	311
Maximum Power Current (Imp/A)	12.94	10.25	13.03	10.32	13.11	10.40	13.20	10.47
Maximum Power Voltage (Vmp/V)	30.56	29.22	30.73	29.38	30.91	29.55	31.09	29.72
Short-circuit Current (Isc/A)	13.81	11.08	13.90	11.15	13.98	11.21	14.06	11.28
Open-circuit Voltage (Voc/V)	36.97	35.11	37.09	35.23	37.21	35.34	37.33	35.46
Module Efficiency STC (%)	20.39%		20.65%		20.91%		21.17%	

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	108(6x18)
Module Dimensions	1708x1134x30mm
Weight	19.5kg
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	2.8mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm ² /1100mm or Customized Length
Connector Type	PV-ZH202B or MC4 (1000V) PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

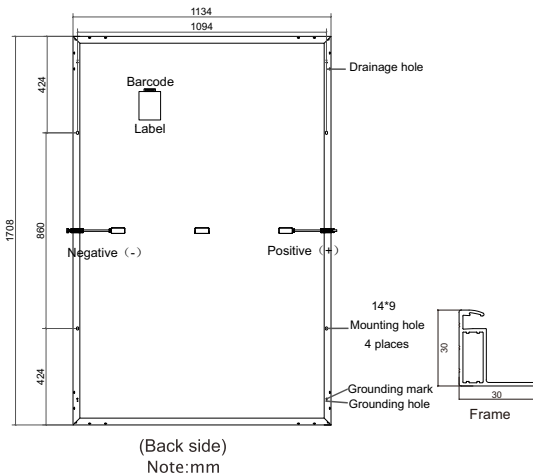
Pallet Dimensions	1750×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	936

Temperature Characteristics

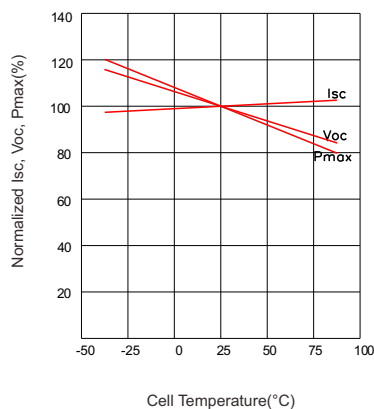
Nominal Operating Cell Temperature(NOCT)	42±3°C
Temperature Coefficient of Isc	+0.0448%/°C
Temperature Coefficient of Voc	-0.246%/°C
Temperature Coefficient of Pmax	-0.330%/°C

Maximum Ratings

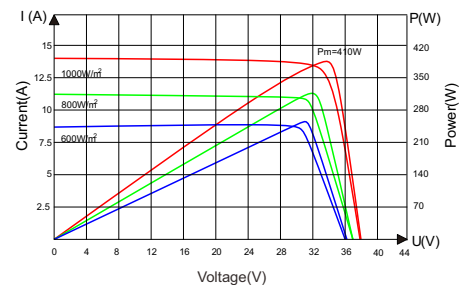
Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	25A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	1000V/1500V DC(IEC)	Fire Rating Class	Class C



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



Current-Voltage&Power-Voltage Curve(410W)



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