



Residential / Commercial



MONO-FACIAL MODULE

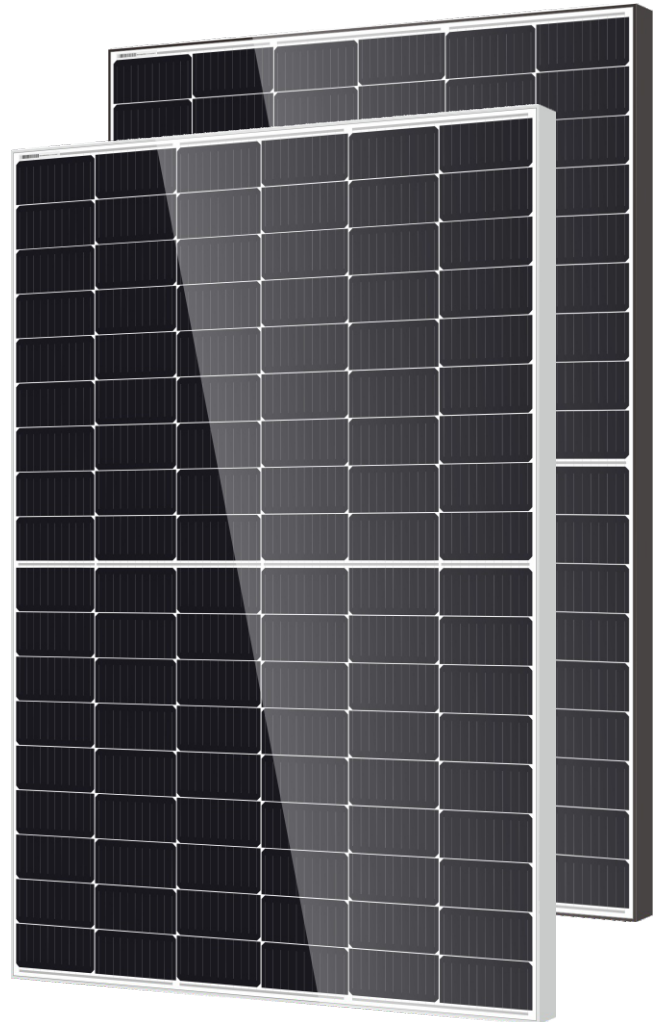
405 / 410 / 415 / 420

DM405M10-54HSW/HBW

DM410M10-54HSW/HBW

DM415M10-54HSW/HBW

DM420M10-54HSW/HBW



Adaptability

Best size and excellent performance for various application scenarios



Quality

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



Guarantee

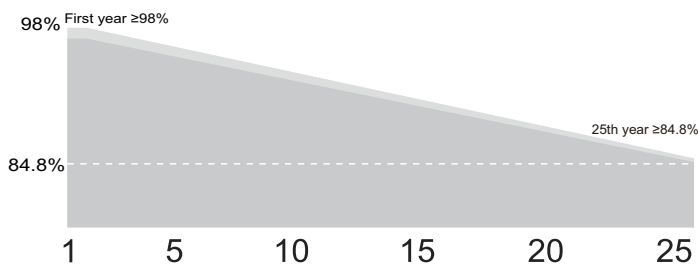
Warranty comes from one of the most financially healthy PV providers



Service

Customer-oriented and local services

Warranty



25 Years product warranty

25 Years power output warranty

*25 years product warranty is only valid for this type of modules installed in residential rooftop PV systems in Australia.

A Member of the Hengdian Group

Ver:20230821A4

Electrical Specifications

Module Type	DM405M10-54HSW/HBW		DM410M10-54HSW/HBW		DM415M10-54HSW/HBW		DM420M10-54HSW/HBW	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	405	307	410	311	415	315	420	318
Maximum Power Current (Imp/A)	13.11	10.40	13.20	10.47	13.29	10.52	13.38	10.59
Maximum Power Voltage (Vmp/V)	30.91	29.55	31.09	29.72	31.27	29.90	31.45	30.07
Short-circuit Current (Isc/A)	13.98	11.21	14.06	11.28	14.13	11.33	14.21	11.40
Open-circuit Voltage (Voc/V)	37.21	35.34	37.33	35.46	37.45	35.57	37.57	35.68
Module Efficiency STC (%)	20.74%		21.00%		21.25%		21.51%	

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

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	108(6x18)
Module Dimensions	1722x1134x30mm
Weight	21.2kg
Module Structure	Glass/Encapsulant/Backsheet
Glass Thickness	3.2mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm ² /1100mm or Customized Length
Connector Type	PV-ZH202B or PV-KST4 / PV-KBT4

Packaging

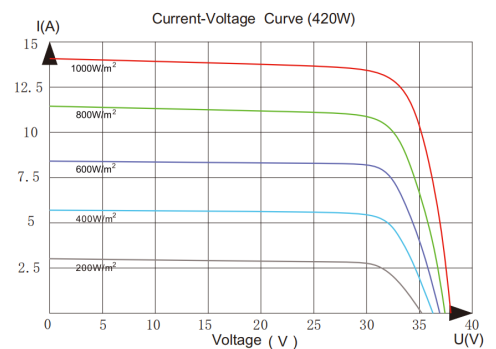
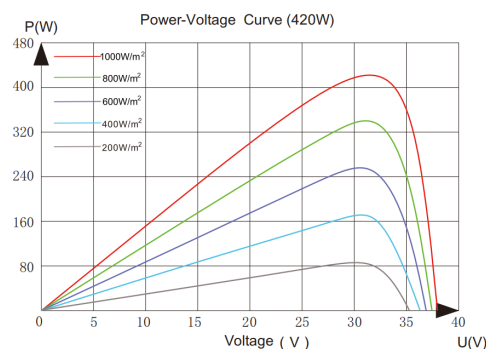
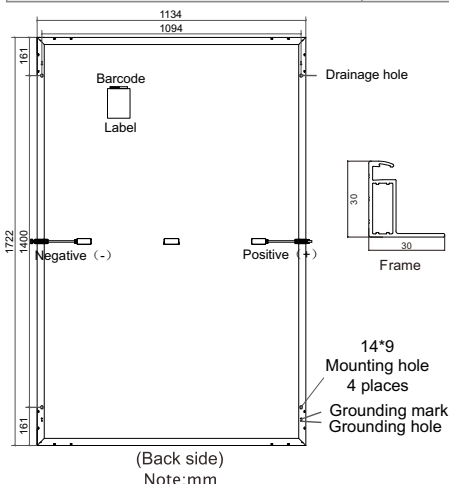
Pallet Dimensions	1770×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	936

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 3600Pa	Number of Diodes	3
Maximum System Voltage	1000V 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.