



Residential / Commercial



BIFACIAL MODULE WITH DUAL GLASS

405 / 410 / 415 / 420

DM405M10-B54HSW

DM410M10-B54HSW

DM415M10-B54HSW

DM420M10-B54HSW



Adaptability

Best size and excellent performance for various application scenarios



Quality

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



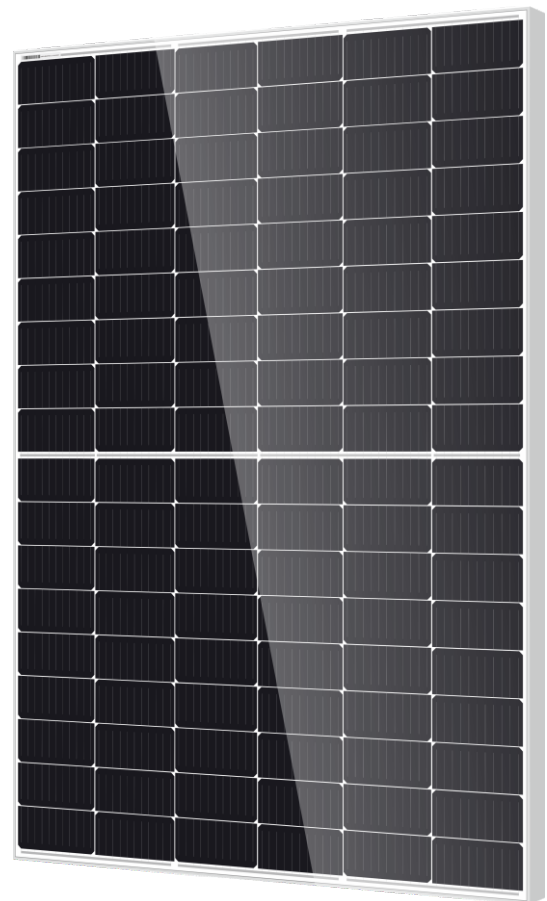
Guarantee

Warranty comes from one of the most financially healthy PV providers

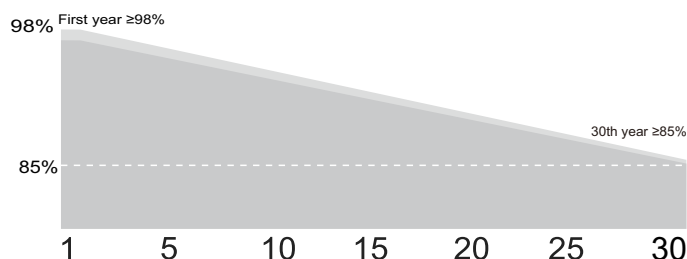


Service

Customer-oriented and local services



Warranty



20 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20231208A4

Electrical Specifications

Module Type	DM405M10-B54HSW		DM410M10-B54HSW		DM415M10-B54HSW		DM420M10-B54HSW	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	405	307	410	311	415	315	420	318
Maximum Power Current (Imp/A)	13.11	10.43	13.20	10.50	13.29	10.56	13.38	10.63
Maximum Power Voltage (Vmp/V)	30.91	29.45	31.09	29.62	31.27	29.80	31.45	29.97
Short-circuit Current (Isc/A)	13.98	11.32	14.06	11.39	14.13	11.44	14.21	11.51
Open-circuit Voltage (Voc/V)	37.21	35.23	37.33	35.34	37.45	35.46	37.57	35.57
Module Efficiency STC (%)	20.7%		21.0%		21.3%		21.5%	

Pmax Tolerance: 0/+3% Bifaciality:70%±10% STC:AM1.5 1000W/m 25 °C NMOT:AM1.5 800W/m 20 °C 1m/s Measurement uncertainty:±3%

Bifacial Gain

10%	Pmax(STC)	446W	451W	457W	462W
20%	Pmax(STC)	486W	492W	498W	504W
30%	Pmax(STC)	527W	533W	540W	546W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	108(6x18)
Module Dimensions	1722x1134x30mm
Weight	25.1kg
Module Structure	Glass/Encapsulant/Glass
Glass Thickness	2.0mm+2.0mm
PV Module Classification	Class II
Junction Box Rating	IP68
Cables	4mm ² /Portrait: 350mm (+)/250mm(-) Landscape: 1100mm(+)/1100mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

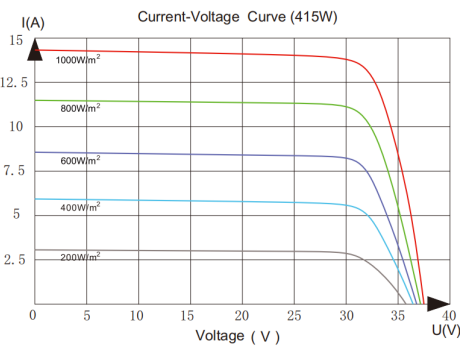
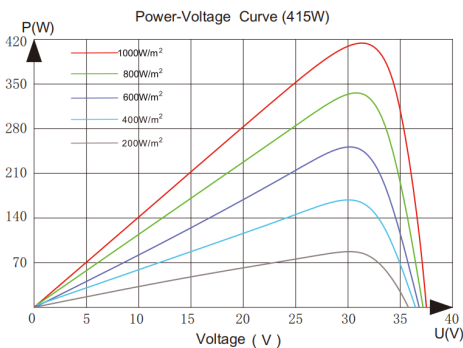
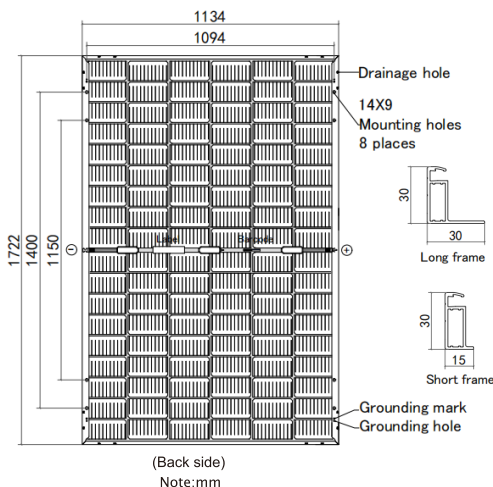
Pallet Dimensions	1770×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	936

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42±2°C
Temperature Coefficient of Isc	+0.063%/°C
Temperature Coefficient of Voc	-0.269%/°C
Temperature Coefficient of Pmax	-0.335%/°C

Maximum Ratings

Operating Temperature	-40°C to+85°C	Maximum Series Fuse Rating	30A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa	Number of Diodes	3
Maximum System Voltage	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.