



Best Choice for
Utility



BIFACIAL MODULE WITH DUAL GLASS

590 / 595 / 600 / 605

DM590M10-B78HSW

DM595M10-B78HSW

DM600M10-B78HSW

DM605M10-B78HSW



Performance

Lower LCOE, reduced BOS cost, short payback time



Quality

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



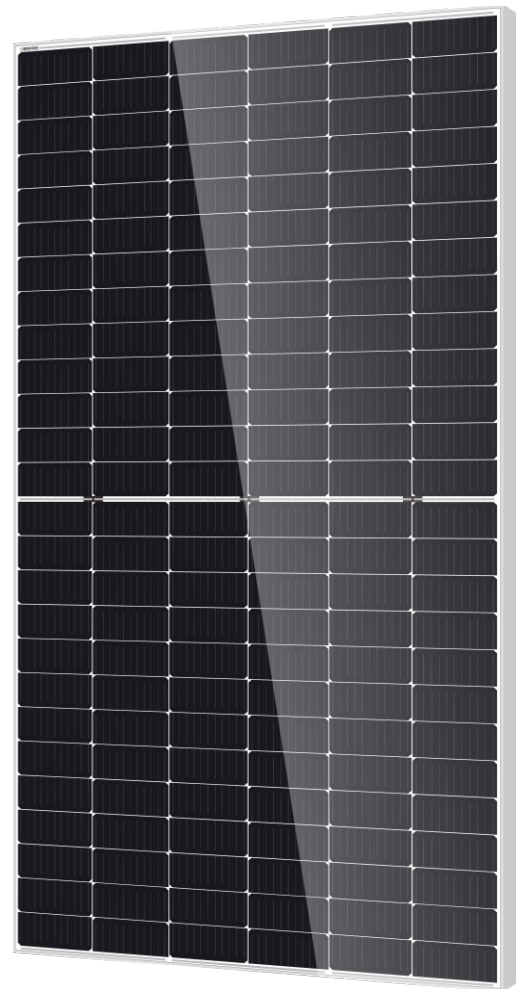
Guarantee

Warranty comes from one of the most financially healthy PV providers

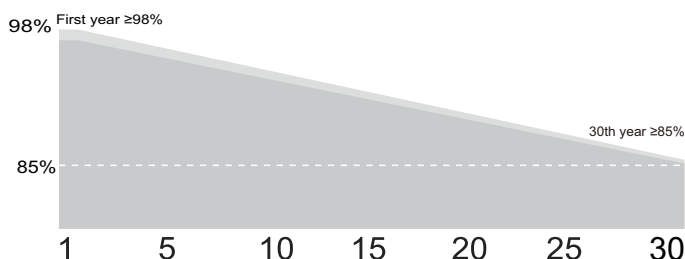


Service

Customer-oriented and local services



Warranty



15 Years product warranty

30 Years power output warranty

A Member of the Hengdian Group



Ver:20231208A6

Electrical Specifications

Module Type	DM590M10-B78HSW		DM595M10-B78HSW		DM600M10-B78HSW		DM605M10-B78HSW	
Testing Condition	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	590	447	595	451	600	455	605	459
Maximum Power Current (Imp/A)	13.20	10.50	13.27	10.55	13.33	10.57	13.39	10.65
Maximum Power Voltage (Vmp/V)	44.73	42.62	44.88	42.77	45.03	43.06	45.18	43.05
Short-circuit Current (Isc/A)	14.05	11.38	14.12	11.43	14.19	11.38	14.26	11.55
Open-circuit Voltage (Voc/V)	53.85	50.98	54.00	51.12	54.15	51.43	54.30	51.41
Module Efficiency STC (%)	21.1%		21.3%		21.5%		21.6%	

Pmax Tolerance: 0/+3% Bifaciality:70%±10% STC:AM1.5 1000W/m² 25 °C NMOT:AM1.5 800W/m² 20 °C 1m/s Measurement uncertainty:±3%

Bifacial Gain

10%	Pmax(STC)	649W	655W	660W	666W
20%	Pmax(STC)	708W	714W	720W	726W
30%	Pmax(STC)	767W	774W	780W	787W

Mechanical Data

Cell Type	P type Mono-crystalline
Cell Arrangement	156(6x26)
Module Dimensions	2465x1134x30mm
Weight	35.5kg
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: 1400mm(+)/1400mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)

Packaging

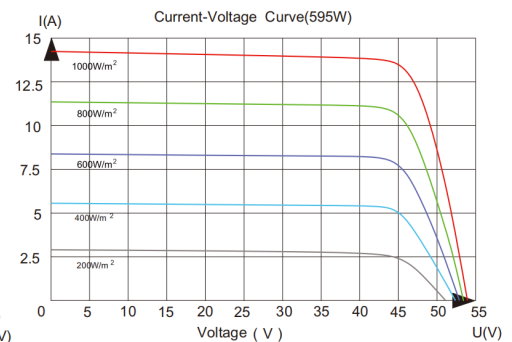
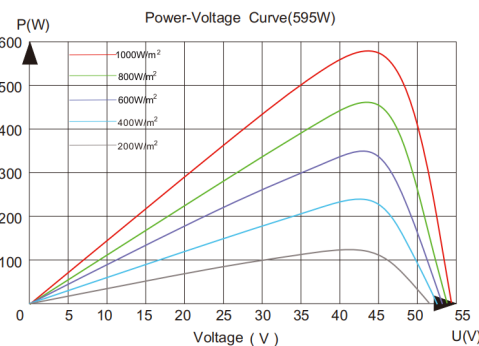
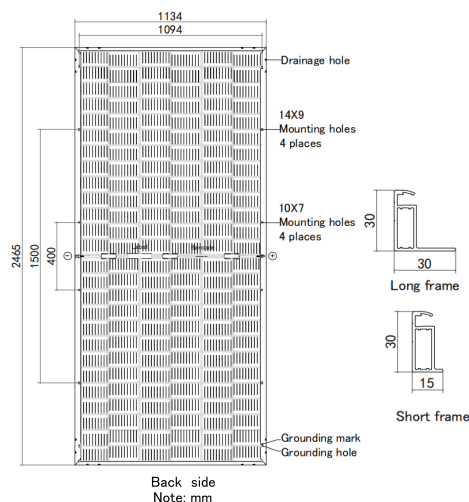
Pallet Dimensions	2515×1140×1250mm
Container	40'HQ
Pieces per Pallet	36
Pieces per Container	576

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.