



JS 390~410W 108M10 DG

MONO 10BB HALF-CUT BIFACIAL DOUBLE GLASS MODULE



▲ Fire class A, harsh environment adaptability

Consist of double-glass, with special design cells, Outstanding anti-PID performance.



▲ Elegant appearance & high performance

The bifacial module is of high light transmittance to ensure good performance, an advanced solution that enables more energy generation, light capturing and elegant appearance.



▲ 30 -year power warranty

Bifacial module ensures 30-year outdoor operation, longer than the conventional type of normally 25 years.

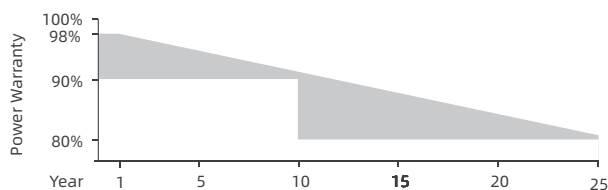


▲ 1500V system voltage

Maximum 1500V DC system voltage , excellent insulation performance and lower total system cost.

LINEAR PERFORMANCE WARRANTY

2-25 years decay < 0.55% annually on average



CERTIFICATES

*Certification requirements vary in different markets, please consult with JShine Solar Optronics sales team for appropriate certification.

ISO 9001: 2015
Quality Management System

ISO 14001: 2015
Environmental Management System

IEC 61215 / IEC 61730

OHSAS 18001: 2007
Occupational Health & Safety Management System



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ELECTRICAL PARAMETERS @ STC

Max. Power Output Pmax (W)	390	395	400	405	410
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Max. Power Voltage Vmp (V)	31.23	31.30	31.38	31.45	31.52
Max. Power Current Imp (A)	12.49	12.62	12.75	12.88	13.01
Open Circuit Voltage Voc (V)	36.96	37.04	37.13	37.21	37.29
Short Circuit Current Isc (A)	13.34	13.47	13.60	13.73	13.86
Module Efficiency (%)	20.00	20.20	20.50	20.70	21.00

*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5
*Measurement Tolerance (±3.0%)

Ingrated Power @ STC (Refrence to 405W front)

Power Gains	5%	10%	15%	20%	25%
Max. Power Output Pmax (W)	427	447	466	486	506
Max. Power Voltage Vmp (V)	31.55	31.55	31.45	31.45	31.45
Max. Power Current Imp (A)	13.52	14.17	14.81	15.46	16.10
Open Circuit Voltage Voc (V)	37.21	37.21	37.31	37.31	37.31
Short Circuit Current Isc (A)	14.42	15.10	15.79	16.48	17.16

TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.35%/°C
Temperature Coefficients of Voc	-0.29%/°C
Temperature Coefficients of Isc	+0.048%/°C

MECHANICAL PARAMETERS

Cell Type	Mono 182x91mm
Number of Cells	108pcs(6x18)
Dimensions (L*W*H)	1722x1134x30mm
Weight	25.4kg
Frame	Anodised Aluminum, Black or Silver
Junction Box	IP67, 3 bypass diodes
Cable, Length	4.0mm ² , 300mm

OPERATING CONDITION

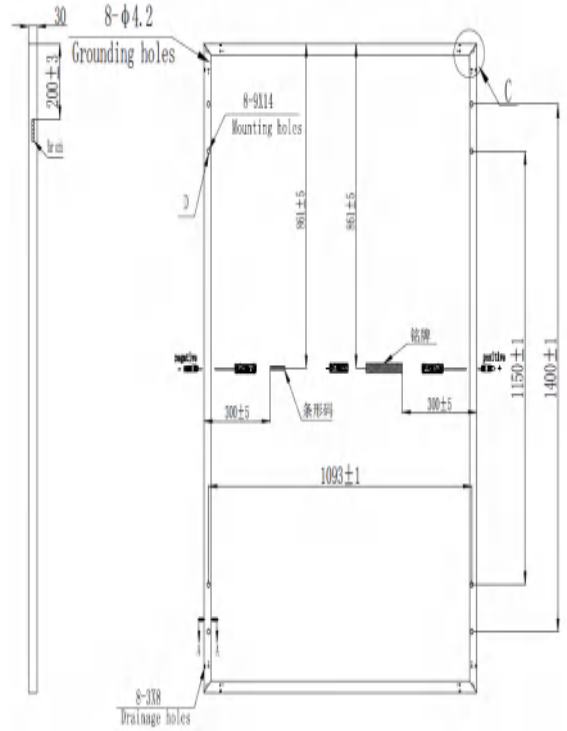
Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85
Max. Wind Load / Snow Load(pa)	2400/5400
Max. Over Current(A)	30
Fire Rating	Class A
NOCT(°C)	45±2
Bifaciality	≥70%

PACKAGE INFORMATION

Container 40'HQ	910pcs
Quantity / Pallet	CTNR: 35pcs

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ASSEMBLY DRAWING (Unit:mm)



I-V Curves

