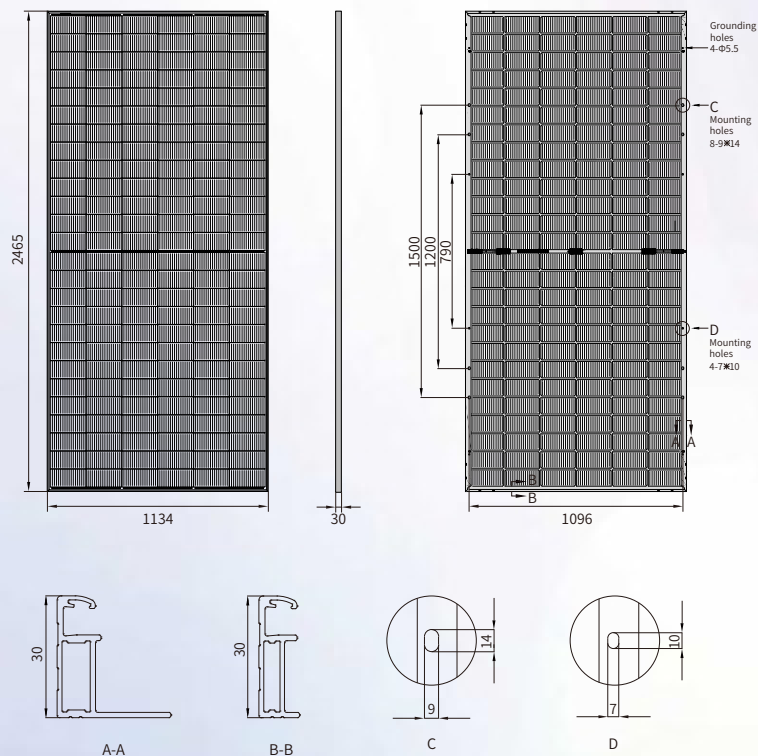


Bifacial Dual Glass TOPCon Module

JNBN156-630~650

ENGINEERING DRAWING



MECHANICAL PARAMETERS

Cell (mm)	182.2*91.875 TOPCon
Dimensions (L*W*H) (mm)	2465*1134*30
Weight (kg)	32.9
Cable Cross Section Size (mm ²)	4
No. of Cells & Connections	156(6*26)
No. of Diodes	3
Frame	Anodized Aluminium Alloy
Glass Thickness (mm)	2.0

QUALIFICATION

Temperature Cycling Range (°C)	-40~+85
Max. Series Fuse Rating (A)	30
Max.Wind Load/Max.Snow Load (Pa)	2400/5400
Fire Rating	Class C
Junction Box & Connector Protection Grade	IP68
Bifacial Factor(%)	80±5

TEMPERATURE COEFFICIENTS

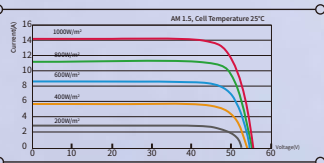
Nominal Module Operating Temperature (NMOT)	43±2°C
Temperature Coefficient Voltage (Voc)	-0.25 %/°C
Temperature Coefficient Current (Isc)	0.045 %/°C
Temperature Coefficient Power (Pm)	-0.29 %/°C

ELECTRICAL PARAMETERS

Module Type	(1500V DC)	JNBN156-630	JNBN156-635	JNBN156-640	JNBN156-645	JNBN156-650
STC AM1.5 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	630	635	640	645	650
	Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
	Max. Power Voltage (Vmp/V)	46.50	46.63	46.76	46.89	47.02
	Max. Power Current (Imp/A)	13.55	13.62	13.69	13.76	13.83
	Open Circuit Voltage (Voc/V)	55.70	55.83	55.96	56.09	56.22
	Short Circuit Current (Isc/A)	14.12	14.18	14.24	14.30	14.36
	Module Efficiency (%)	22.54	22.72	22.90	23.07	23.25
BNPI AM1.5 front 1000W/m ² rear 135W/m ² Cell Temperature 25°C	Max. Power (Pmpp/W)	690	695	701	706	711
	Max. Power Voltage (Vmp/V)	46.50	46.63	46.76	46.89	47.02
	Max. Power Current (Imp/A)	14.83	14.91	14.98	15.06	15.14
	Open Circuit Voltage (Voc/V)	55.70	55.83	55.96	56.09	56.22
	Short Circuit Current (Isc/A)	15.45	15.52	15.59	15.65	15.72
	Module Efficiency (%)	24.68	24.86	25.08	25.26	25.44

*Measurement tolerance: Pmax: ±3%, Voc: ±3%, Isc: ±5%.

I-V CURVE (640W)



PACKING CONFIGURATION

Pieces Per Pallet	36
Pallets Per Container	16
Pieces Per Container	576

DEFAULT

Connector Type	☐ MC4 Compatible	☐ MC4
Cable Length	☐ 350mm/280mm	☐ Customized
Frame Color	☐ Silver	☐ Black

OPTIONAL

TUV: IEC/EN 61215, IEC/EN 61730
GB/T 19001-2016/ISO 9001:2015
GB/T 24001-2016/ISO 14001:2015
GB/T 45001-2020/ISO 45001:2018
CNAS-CL01: ISO/IEC 17025:2017

CAUTION: The electrical parameters in this product datasheet do not refer to only one module. Read safety and installation instructions before using the product. The contents of this specification are for reference only and are subject to change without notice. Jinery reserves the right of final interpretation.
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12-year Product materials and workmanship quality warranty

Output power

The 1st year	The 12th year	The 30th year
≥99.00%	≥94.60%	≥87.40%

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