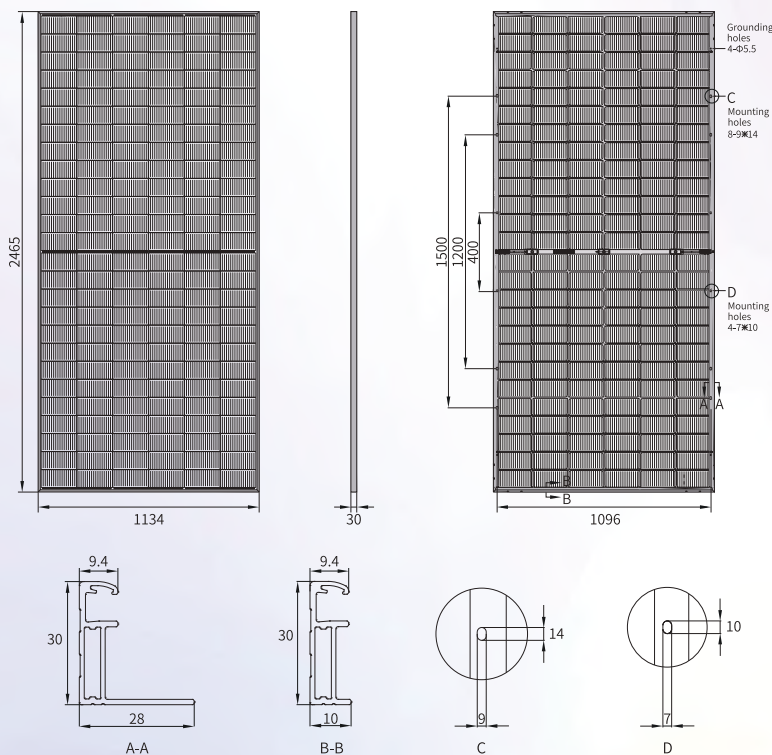


Bifacial Dual Glass TOPCon Module

JNBN156-625~645

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

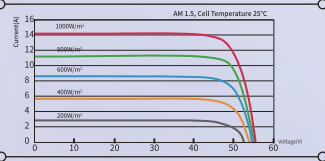
Nominal Module Operating Temperature (NMOT)	43±2°C
Temperature Coefficient Voltage (Voc)	-0.25 %/°C
Temperature Coefficient Current (Isc)	0.045 %/°C
Temperature Coefficient Power (Pm)	-0.29 %/°C

ELECTRICAL PARAMETERS

Module Type (1500V DC)	JNBN156-625	JNBN156-630	JNBN156-635	JNBN156-640	JNBN156-645
Max. Power at STC (Pmpp/W)	625	630	635	640	645
Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
STC					
Max. Power Voltage (Vmp/V)	46.37	46.50	46.63	46.76	46.89
AM1.5 1000W/m ² Cell Temperature 25°C					
Max. Power Current (Imp/A)	13.48	13.55	13.62	13.69	13.76
Open Circuit Voltage (Voc/V)	55.57	55.70	55.83	55.96	56.09
Short Circuit Current (Isc/A)	14.06	14.12	14.18	14.24	14.30
Module Efficiency (%)	22.36	22.54	22.72	22.90	23.07
Backside Power Gain		10%	20%	30%	
With Different Power Generation Gain					
Max. Power (Pmpp/W)		698.5	762.0	825.5	
Max. Power Voltage (Vmp/V)		46.63	46.63	46.63	
Max. Power Current (Imp/A)		14.98	16.34	17.71	
Open Circuit Voltage (Voc/V)		55.83	55.83	55.83	
Short Circuit Current (Isc/A)		15.60	17.02	18.43	
Module Efficiency (%)		24.99	27.26	29.53	

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

I-V CURVE (635W)



PACKING CONFIGURATION

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

DEFAULT

OPTIONAL

Connector Type	<input type="checkbox"/> MC4 Compatible	<input type="checkbox"/> MC4
Cable Length	<input type="checkbox"/> 350mm/280mm	<input type="checkbox"/> Customized
Frame Color	<input type="checkbox"/> Silver	<input type="checkbox"/> Black



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%	

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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