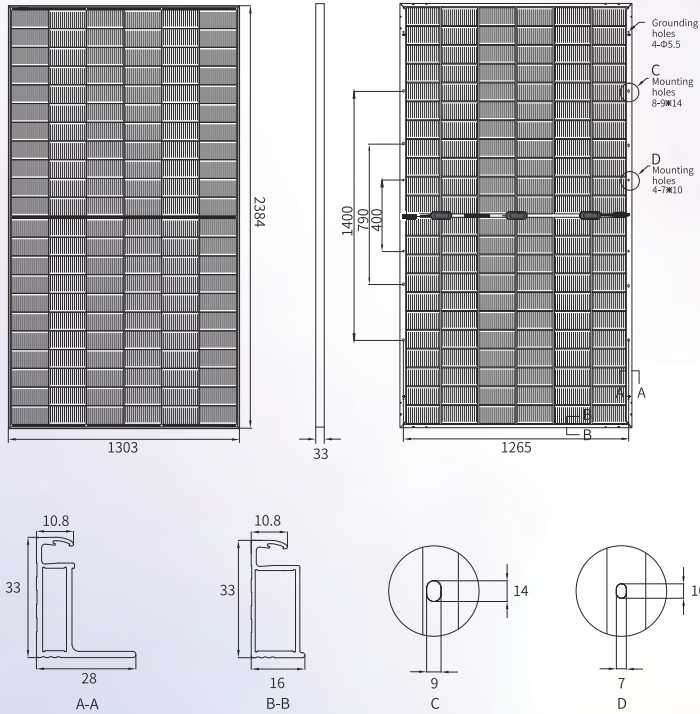


Bifacial Dual Glass TOPCon Module

JNBN132 – 695~710

ENGINEERING DRAWING



MECHANICAL PARAMETERS

Cell (mm)	210*105 TOPCon
Dimensions (L*W*H) (mm)	2384*1303*33
Weight (kg)	38.4
Cable Cross Section Size (mm ²)	4
No. of Cells & Connections	132(6*22)
No. of Diodes	3
Frame	Anodized Aluminium Alloy
Glass Thickness (mm)	2.0
Manufacturer:	JINNENG CLEANENERGY TECHNOLOGY LTD.:PV-JN01
Type of Connector	Stäubli-Electrical Connectors-AG: PV-KST4-EVO2/xy-UR, PV-KBT4-EVO2/xy-UR

QUALIFICATION

Temperature Cycling Range (°C)	-40~+85
Max. Series Fuse Rating (A)	35
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

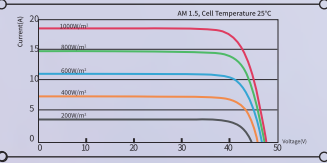
ELECTRICAL PARAMETERS

Module Type (1500V DC)	JNBN132-695	JNBN132-700	JNBN132-705	JNBN132-710	
STC AM1.5 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	695	700	705	710
	Output Tolerance (W)	0+5	0+5	0+5	0+5
	Max. Power Voltage (Vmp/V)	39.32	39.49	39.66	39.83
	Max. Power Current (Imp/A)	17.68	17.73	17.78	17.83
	Open Circuit Voltage (Voc/V)	47.04	47.21	47.38	47.55
	Short Circuit Current (Isc/A)	18.50	18.55	18.60	18.65
Module Efficiency (%)	22.37	22.53	22.70	22.86	
BNPI AM1.5 135W/m ² Cell Temperature 25°C <i>(BIFACIAL OUTPUT-Backside Power Gain)</i>	Max. Power (Pmpp/W)	768.2	773.7	779.2	784.8
	Max. Power Voltage (Vmp/V)	39.32	39.49	39.66	39.83
	Max. Power Current (Imp/A)	19.54	19.60	19.65	19.71
	Open Circuit Voltage (Voc/V)	47.04	47.21	47.38	47.55
	Short Circuit Current (Isc/A)	20.45	20.50	20.56	20.61
	Module Efficiency (%)	24.73	24.91	25.09	25.26

Bifaciality coefficient: ϕPmax:80±5%; ϕVoc:98±5%; ϕIsc: 80±5%.

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

I-V CURVE (705W)



PACKING CONFIGURATION

Pieces Per Pallet	33
Pallets Per Container	18
Pieces Per Container	594

DEFAULT

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

15-year Product materials and workmanship quality warranty

Output power		
The 1st year	The 15th year	The 30th year
≥ 99.00%	≥ 93.40%	≥ 87.40%

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. Made in China JNM-20240809-141 © 2024 JINNENG CLEAN ENERGY TECHNOLOGY LTD. ALL RIGHTS RESERVED.

