

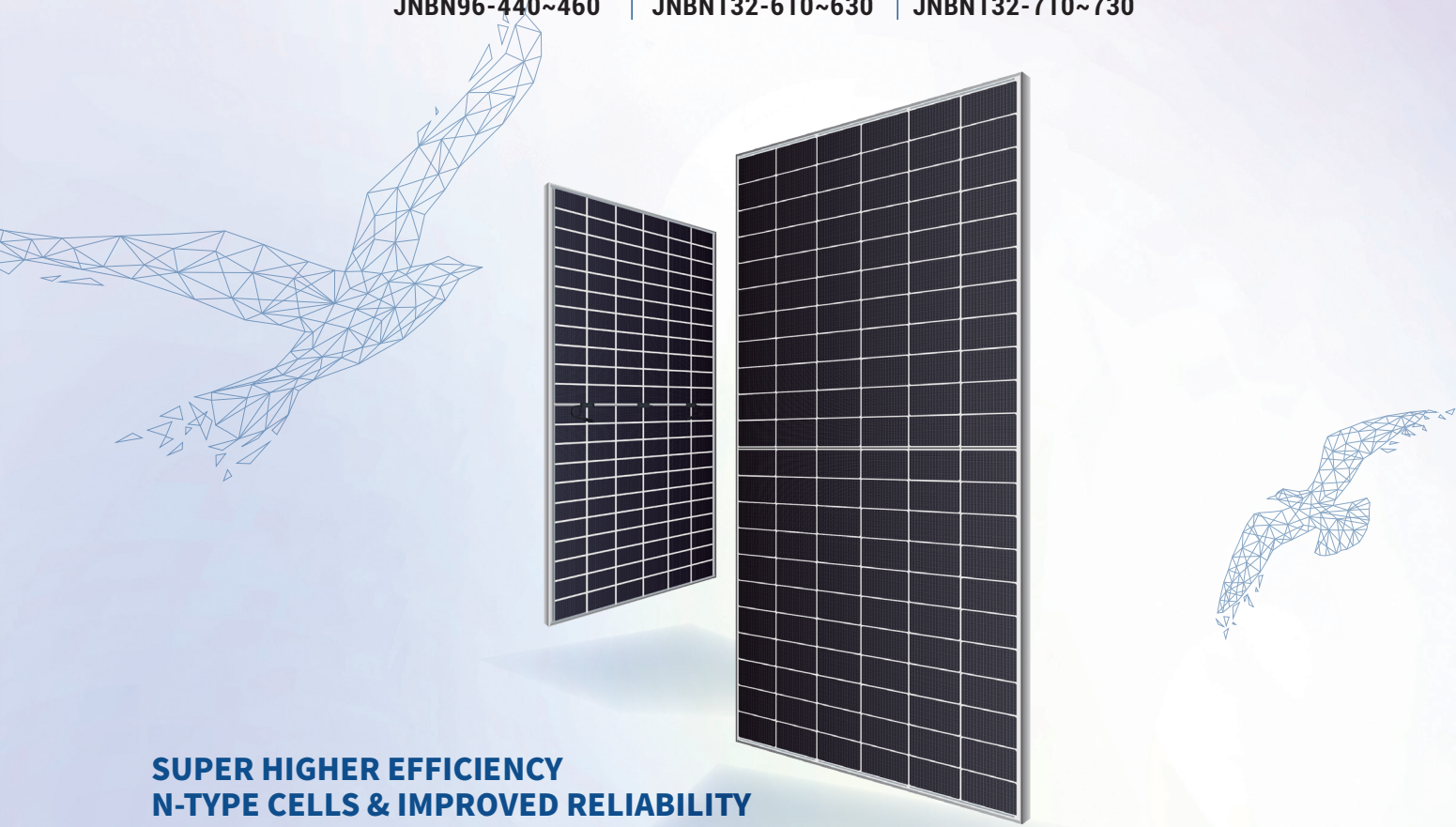


HIGH EFFICIENCY N-TOPCON SOLAR MODULE

G12/G12R Cell | SMBB | Half-cut | Optional Bifacial

Optional: JNMN96-440~460 | JNMN132-615~635

JNBN96-440~460 | JNBN132-610~630 | JNBN132-710~730



SUPER HIGHER EFFICIENCY N-TYPE CELLS & IMPROVED RELIABILITY

- 715W+ power output, bringing lower LCOE and BOS.
- Lower LID and anti PID ensure long-term returns.
- Optional G12R modules, Maximize the use of horizontal space for modules in container High Cube.
- Up to 80% bifacial factor gains 10%-30% extra generation in different scenarios.

12 year product warranty **30** year power generation warranty



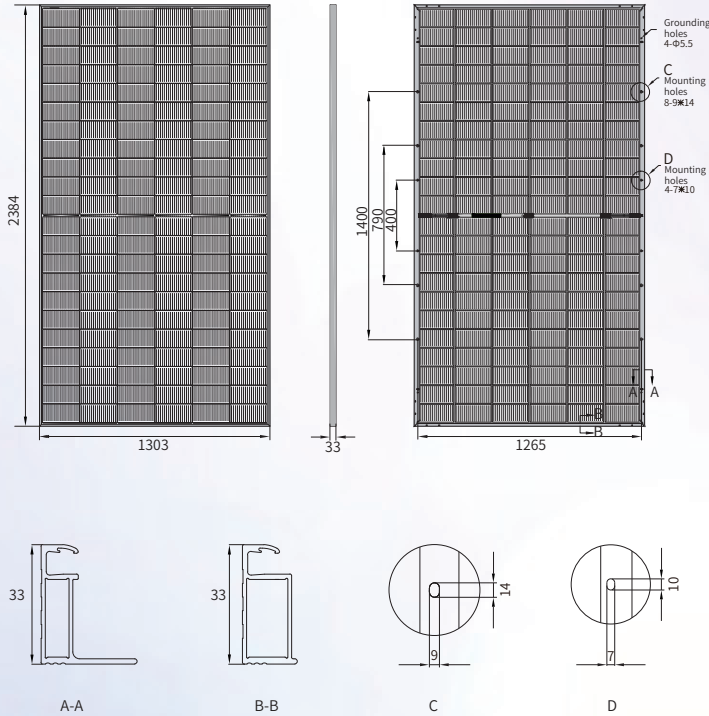
a **JINNENG HOLDING GROUP** company

www.jinergy.com
JINNENG CLEAN ENERGY TECHNOLOGY LTD / JINNENG PHOTOVOLTAIC TECHNOLOGY CO. LTD

Bifacial Dual Glass TOPCon Module

JNBN132-710~730

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

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

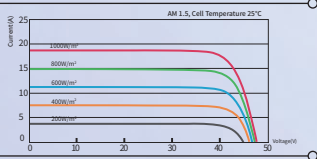
Nominal Module Operating Temperature (NMOT)	43±2°C
Temperature Coefficient Voltage (Voc)	-0.25 %/°C
Temperature Coefficient Current (Isc)	0.045 %/°C
Temperature Coefficient Power (Pm)	-0.29 %/°C

ELECTRICAL PARAMETERS

Module Type	(1500V DC)	JNBN132-710	JNBN132-715	JNBN132-720	JNBN132-725	JNBN132-730
STC AM1.5 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	710	715	720	725	730
	Output Tolerance (W)	0+5	0+5	0+5	0+5	0+5
	Max. Power Voltage (Vmp/V)	39.83	40.00	40.17	40.34	40.51
	Max. Power Current (Imp/A)	17.83	17.88	17.93	17.98	18.03
	Open Circuit Voltage (Voc/V)	47.55	47.72	47.89	48.06	48.23
	Short Circuit Current (Isc/A)	18.65	18.70	18.75	18.80	18.85
	Module Efficiency (%)	22.86	23.02	23.18	23.34	23.50
BNPI AM1.5 front 1000W/m ² rear 135W/m ² Cell Temperature 25°C	Max. Power (Pmpp/W)	785	792	798	803	809
	Max. Power Voltage (Vmp/V)	39.83	40.00	40.17	40.34	40.51
	Max. Power Current (Imp/A)	19.71	19.76	19.82	19.87	19.93
	Open Circuit Voltage (Voc/V)	47.55	47.72	47.89	48.06	48.23
	Short Circuit Current (Isc/A)	20.61	20.67	20.72	20.78	20.83
	Module Efficiency (%)	25.26	25.50	25.68	25.86	26.04

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

I-V CURVE (720W)



PACKING CONFIGURATION

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

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



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.
JNM-20260514-17.0W © 2026 JINNING CLEAN ENERGY TECHNOLOGY LTD. ALL RIGHTS RESERVED.

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%

JINERGY
JINNING CLEAN ENERGY TECHNOLOGY LTD
JINNING PHOTOVOLTAIC TECHNOLOGY LTD
www.jinery.com