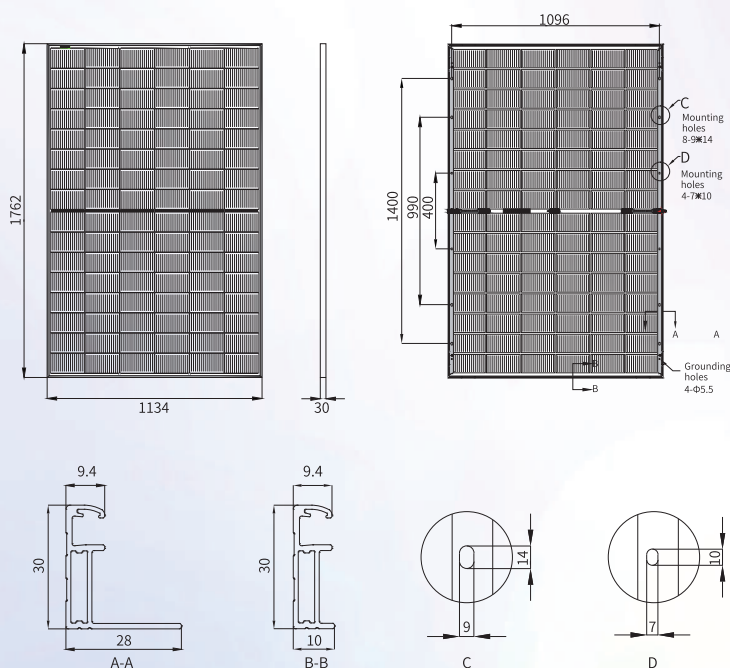


High efficiency N-TOPCon bifacial solar module

JNBN96-445~455

ENGINEERING DRAWING



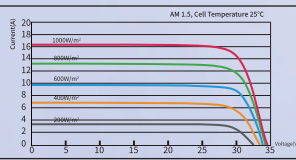
ELECTRICAL PARAMETERS

Module Type (1500V DC)		JNBN96-445	JNBN96-450	JNBN96-455
STC AM1.5 1000W/m ² Cell Temperature 25°C	Max. Power at STC (P _{mp} /W)	445	450	455
	Output Tolerance (W)	0~+5	0~+5	0~+5
	Max. Power Voltage (V _{mp} /V)	28.65	28.82	28.99
	Max. Power Current (I _{mp} /A)	15.54	15.62	15.70
	Open Circuit Voltage (V _{oc} /V)	35.40	35.57	35.74
	Short Circuit Current (I _{sc} /A)	16.24	16.32	16.40
	Module Efficiency (%)	22.27	22.52	22.77
BNPI AM1.5 135W/m ² Cell Temperature 25°C (BIFACIAL OUTPUT-Backside Power Gain)	Max. Power (P _{mp} /W)	493.1	498.6	504.1
	Max. Power Voltage (V _{mp} /V)	28.65	28.82	28.99
	Max. Power Current (I _{mp} /A)	17.22	17.31	17.40
	Open Circuit Voltage (V _{oc} /V)	35.40	35.57	35.74
	Short Circuit Current (I _{sc} /A)	17.99	18.08	18.17
	Module Efficiency (%)	24.68	24.95	25.23

Bifaciality coefficient: ϕP_{max} : 80 $\pm$ 5%; ϕV_{oc} : 98 $\pm$ 5%; ϕI_{sc} : 80 $\pm$ 5%.

*Measurement tolerance: P_{max} : $\pm$ 3%; V_{oc} : $\pm$ 3%; I_{sc} : $\pm$ 5%.

I-V CURVE (450W)



PACKING CONFIGURATION

Pieces Per Pallet	36
Pallets Per Container	26
Pieces Per Container	936

DEFAULT

OPTIONAL

Cable Length	☐ 350mm/280mm	☐ Customized
Frame Color	☐ Silver	☐ 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.
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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%

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