

JNBM120-350~370

High efficiency dual-glass bifacial mono solar module

Adopting bifacial PERC technology

JNBM120

Providing 5%-25% extra power from backside in different scenarios.

Applicable to harsh environments including desert, and seaside, etc. with higher reliability and stronger corrosion performance.

MBB and half-cut design to improve module reliability and reduces loss.

Higher power output effectively reduces BOS and LCOE.

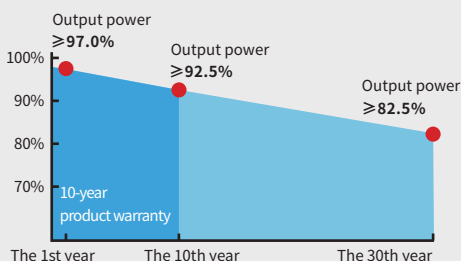
Compatible with 1500V system voltage to reduce construction cost per watt.

CERTIFICATION



TUV: IEC/EN 61215, IEC/EN 61730
 GB/T 19001-2016/ ISO 9001:2015
 GB/T 24001-2016/ ISO 14001:2015
 OHSAS 18001:2007
 CNAS-CL01: ISO/IEC 17025:2017

QUALITY ASSURANCE



Advanced production process

Optimized MBB design
 Cell efficiency >22.4%



Superior quality control

Full automatic production line
 MES and ERP digitizing logistics management
 100% three times EL and appearance inspection



Excellent power generation performance

0~+5W positive power tolerance
 Improved low light irradiance performance and low degradation



Stable mechanical performance

Passed rigorous hail test
 Withstands 5400Pa snow and 2400Pa wind loads



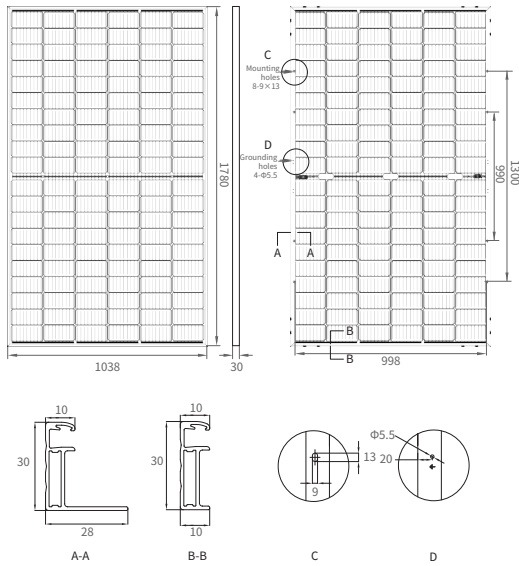
Long weather resistance

Excellent anti-PID performance
 Certified in fireproofing for safety



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MECHANICAL PARAMETERS

Cell (mm)	166*83 Bifacial Mono
Dimensions (L*W*H) (mm)	1780*1038*30
Weight (kg)	22.6
Glass Thickness (mm)	2.0
Cable Cross Section Size (mm ²)	4
Cable Length (mm)	Positive 295 / Negative 145
No. of Cells & Connections	120(6*20)
No. of Diodes	3

QUALIFICATION

Max. System Voltage (V DC)	1500
Temperature Cycling Range (°C)	-40~+85
Max. Series Fuse Rating (A)	20
Max. Wind Load / Max. Snow Load (Pa)	2400 / 5400
Hot Spot Rate	100% Free
Connector Type	MC4 Compatible
Fire Rating	Class C
Junction Box & Connector Protection Grade	IP68

TEMPERATURE COEFFICIENTS

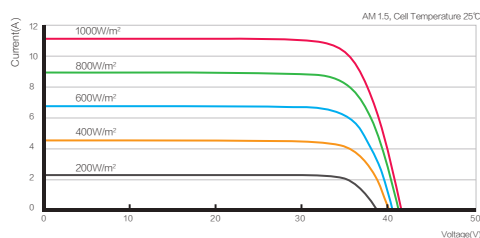
Nominal Module Operating Temperature (NMOT)	45 ± 2°C
Temperature Coefficient Voltage (Voc)	-0.29%/°C
Temperature Coefficient Current (Isc)	0.04%/°C
Temperature Coefficient Power (Pm)	-0.38%/°C

ELECTRICAL PARAMETERS

JNBM120-350 JNBM120-355 JNBM120-360 JNBM120-365 JNBM120-370

	JNBM120-350	JNBM120-355	JNBM120-360	JNBM120-365	JNBM120-370	
STC AM1.5 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	350	355	360	365	370
	Output Tolerance (W)	0-+5	0-+5	0-+5	0-+5	0-+5
	Max. Power Voltage (Vmp/V)	33.90	34.10	34.30	34.50	34.71
	Max. Power Current (Imp/A)	10.33	10.42	10.50	10.58	10.66
	Open Circuit Voltage (Voc/V)	40.90	41.10	41.30	41.50	41.70
	Short Circuit Current (Isc/A)	10.96	11.04	11.11	11.18	11.25
	Module Efficiency (%)	18.9	19.2	19.5	19.8	20.0
BSTC AM1.5 E=(1+0.135BIFI) 1000W/m ² Cell Temperature 25°C	Max. Power at BSTC (Pmpp/W)	385	390	395	400	405
	Max. Power Voltage (Vmp/V)	33.90	34.08	34.28	34.48	34.68
	Max. Power Current (Imp/A)	11.36	11.46	11.54	11.62	11.70
	Open Circuit Voltage (Voc/V)	40.92	41.12	41.32	41.52	41.72
	Short Circuit Current (Isc/A)	12.08	12.16	12.24	12.32	12.40

I-V CURVE(360W)



PACKING CONFIGURATION

Container (High cube)

Pieces Per Pallet	36
Pallets Per Stack	2
Stacks Per Container	12
Pieces Per Container	864