

JNMM120-360~380(L)

"L" after the module type indicates that the type is suitable for 1000V DC.

High efficiency mono solar module

JNMM120

Ga-doped silicon wafer, reduce LID and LeTID. SE technology effectively improves cell conversion efficiency.

Optimized anti-reflective film and high-impedance encapsulating material to obtain excellent anti-PID performance.

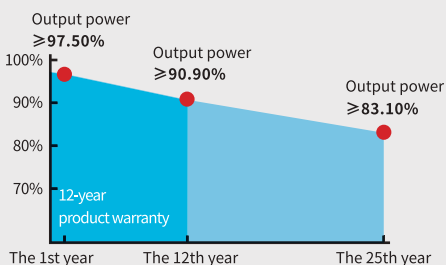
MBB and half-cell design to reduce shadow effects, improve module reliability and reduces loss.

CERTIFICATION



TUV: IEC/EN 61215, IEC/EN 61730
 BIS: IS 14286/IEC 61215, IS/IEC 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

QUALITY ASSURANCE



Advanced production process

Optimized MBB design
 Cell efficiency >23.0%



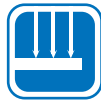
Superior quality control

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



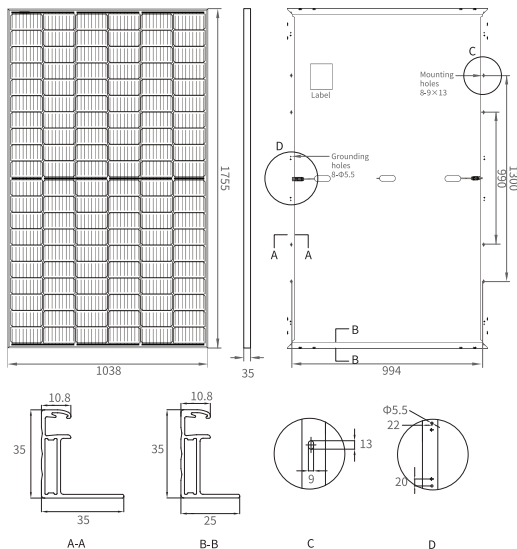
Long weather resistance

Excellent anti-PID performance
 Certified in fireproofing for safety



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MECHANICAL PARAMETERS

Cell (mm)	166*83 Mono
Dimensions (L*W*H) (mm)	1755*1038*35
Weight (kg)	19.5
Cable Cross Section Size (mm ²)	4
No. of Cells & Connections	120(6*20)
No. of Diodes	3

QUALIFICATION

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
Fire Rating	Class C
Junction Box & Connector Protection Grade	IP68

ELECTRICAL PARAMETERS

Module Type	(1000V DC)	JNMM120-360L	JNMM120-365L	JNMM120-370L	JNMM120-375L	JNMM120-380L
	(1500V DC)	JNMM120-360	JNMM120-365	JNMM120-370	JNMM120-375	JNMM120-380
STC AM1.5 1000W/m ² Cell Temperature 25°C	Max. Power at STC (Pmpp/W)	360	365	370	375	380
	Output Tolerance (W)	0-+5	0-+5	0-+5	0-+5	0-+5
	Max. Power Voltage (Vmp/V)	33.68	33.89	34.08	34.28	34.48
	Max. Power Current (Imp/A)	10.69	10.77	10.86	10.95	11.03
	Open Circuit Voltage (Voc/V)	40.90	41.10	41.30	41.50	41.72
	Short Circuit Current (Isc/A)	11.20	11.28	11.37	11.46	11.55
Module Efficiency (%)	19.76	20.04	20.31	20.59	20.86	
NMOT AM1.5 800W/m ² Ambient Temperature 20°C Wind Speed 1m/s	Max. Power at NMOT (Pmpp/W)	271.0	274.7	278.5	282.2	286.0
	Max. Power Voltage (Vmp/V)	31.68	31.88	32.05	32.22	32.41
	Max. Power Current (Imp/A)	8.55	8.62	8.69	8.76	8.82
	Open Circuit Voltage (Voc/V)	38.61	38.80	38.99	39.18	39.39
	Short Circuit Current (Isc/A)	9.02	9.08	9.15	9.23	9.30

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

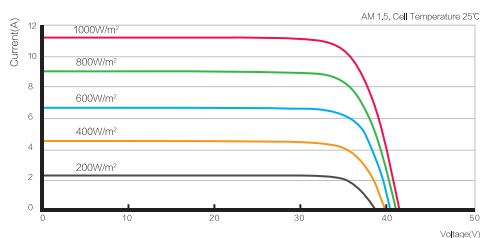
PACKING CONFIGURATION

Pieces Per Pallet	31
Pallets Per Stack	2
Stacks Per Container	13
Pieces Per Container	806

TEMPERATURE COEFFICIENTS

Nominal Module Operating Temperature (NMOT)	43 ± 2°C
Temperature Coefficient Voltage (Voc)	-0.29 %/°C
Temperature Coefficient Current (Isc)	0.04 %/°C
Temperature Coefficient Power (Pm)	-0.37 %/°C

I-V CURVE (370W)



Optional

Connector Type	<input type="checkbox"/> MC4 Compatible	<input type="checkbox"/> MC4
Cable Length	<input type="checkbox"/> 295mm / 145mm	<input type="checkbox"/> Customized
Frame Color	<input type="checkbox"/> Silver	<input type="checkbox"/> Black
Max. System Voltage	<input type="checkbox"/> 1000V	<input type="checkbox"/> 1500V

Notes:

CAUTION: The electrical parameters in this product datasheet do not refer to only one module, nor are they promised in the contract. 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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