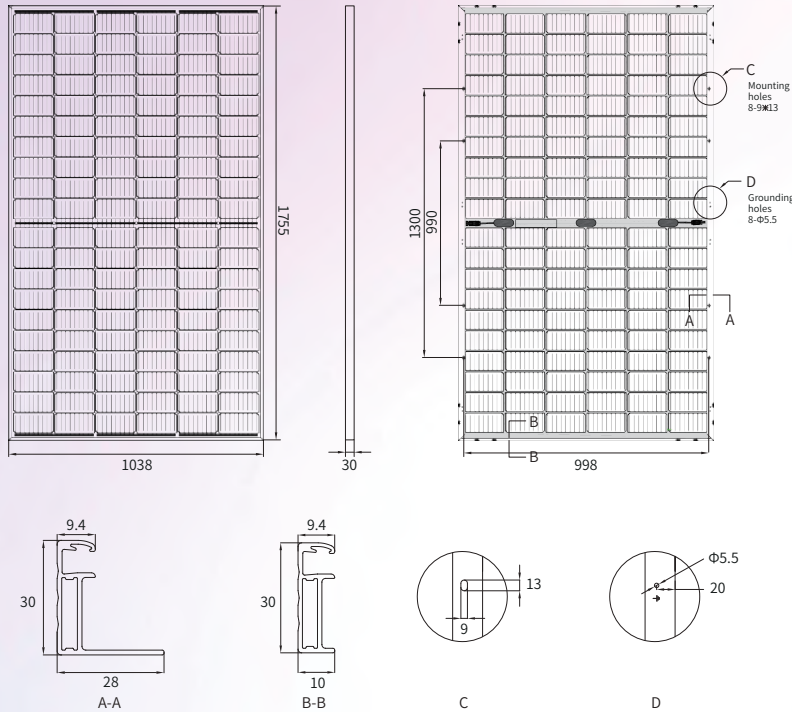


## ENGINEERING DRAWING



## MECHANICAL PARAMETERS

Cell (mm)	166*83 HJT
Dimensions (L*W*H) (mm)	1755*1038*30
Weight (kg)	22.2
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells & Connections	120(6*20)
No. of Diodes	3
Frame	Anodized Aluminium Alloy
Glass Thickness (mm)	2.0
Frame color	Black

## QUALIFICATION

Temperature Cycling Range (°C)	-40~+85
Max. Series Fuse Rating (A)	20
Max.Wind Load/Max.Snow Load (Pa)	2400/5400
Fire Rating	Class C
Junction Box & Connector Protection Grade	IP68
Bifacial Factor(%)	>85

## TEMPERATURE COEFFICIENTS

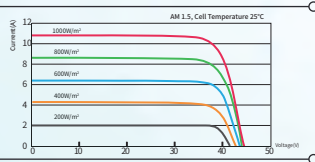
Nominal Module Operating Temperature (NMOT)	43±2°C
Temperature Coefficient Voltage (Voc)	-0.21 %/°C
Temperature Coefficient Current (Isc)	0.04 %/°C
Temperature Coefficient Power (Pm)	-0.26 %/°C

## ELECTRICAL PARAMETERS

Module Type (1500V DC)	JNHM120-370	JNHM120-375	JNHM120-380	JNHM120-385	JNHM120-390
Max. Power at STC (Pmpp/W)	370	375	380	385	390
Output Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
STC					
AM1.5					
1000W/m <sup>2</sup>					
Cell Temperature 25°C					
Max. Power Voltage (Vmp/V)	37.32	37.50	37.68	37.74	38.04
Max. Power Current (Imp/A)	9.92	10.00	10.09	10.21	10.26
Open Circuit Voltage (Voc/V)	44.16	44.28	44.40	44.46	44.64
Short Circuit Current (Isc/A)	10.60	10.68	10.77	10.84	10.91
Module Efficiency (%)	20.31	20.59	20.86	21.13	21.41
Backside Power Gain		10%	20%		30%
Max. Power (Pmpp/W)		418	456		494
With Different Power Generation Gain					
(Regarding 380W as an example)					
Max. Power Voltage (Vmp/V)		37.66	37.66		37.66
Max. Power Current (Imp/A)		11.10	12.11		13.12
Open Circuit Voltage (Voc/V)		44.37	44.40		44.38
Short Circuit Current (Isc/A)		11.85	12.92		14.00
Module Efficiency (%)		22.95	25.03		27.12

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

## I-V CURVE (380W)



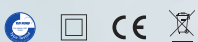
## PACKING CONFIGURATION

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

## Default

## Optional

Connector Type	<input type="checkbox"/> MC4 Compatible	<input type="checkbox"/> MC4
Cable Length	<input type="checkbox"/> 400mm/200mm	<input type="checkbox"/> Customized



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

## 12-year Product materials and workmanship quality warranty

Output power			
The 1st year	The 12th year	The 30th year	
≥ 98.00%	≥ 93.60%	≥ 86.40%	

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. JNM-20240520-14.0.1 © 2024 JINNING CLEAN ENERGY TECHNOLOGY LTD. ALL RIGHTS RESERVED.

