

TEST REPORT

Report No.: BCTC2305845758S

Applicant: Shenzhen SoStron Limited

Product Name: FA1 Max

Product Type: PH10.4

Tested Date: 2023-05-05 to 2023-05-09

Issued Date: 2023-05-10

Shenzhen BCTC Testing Co., Ltd.

Product Name :	FA1 Max		
Model :	PH10.4 PH3.9, PH4.8, PH6.2, PH7.8		
Applicant	Shenzhen SoStron Limited		
Applicant Address	4th floor, Building D, Sanmin Industrial Park, Shiyan Town, Baoan District, Shenzhen, China		
Manufacturer :	Shenzhen SoStron Limited		
Manufacturer Address :	4th floor, Building D, Sanmin Industrial Park, Shiyan Town, Baoan District, Shenzhen, China		
Trademark :	/	Receiving Date	2023-05-05
Rating :	100-240V~, 50/60Hz, 4.7A, 400W	Test Category :	Commission Test
Sample Description: Well preserved before the test, 1 sample, these series of models are only different in model name.			
Test Item : According to client requirement.			
Inspection basis : According to client requirement.			
Inspection survey: According to client requirement to test, as shown in the following pages.			
Tested :	Reviewd :	Approved :	
_____	_____	_____	
2023-05-10	2023-05-10	2023-05-10	

1. Temperature cycle test

1.1 test method:

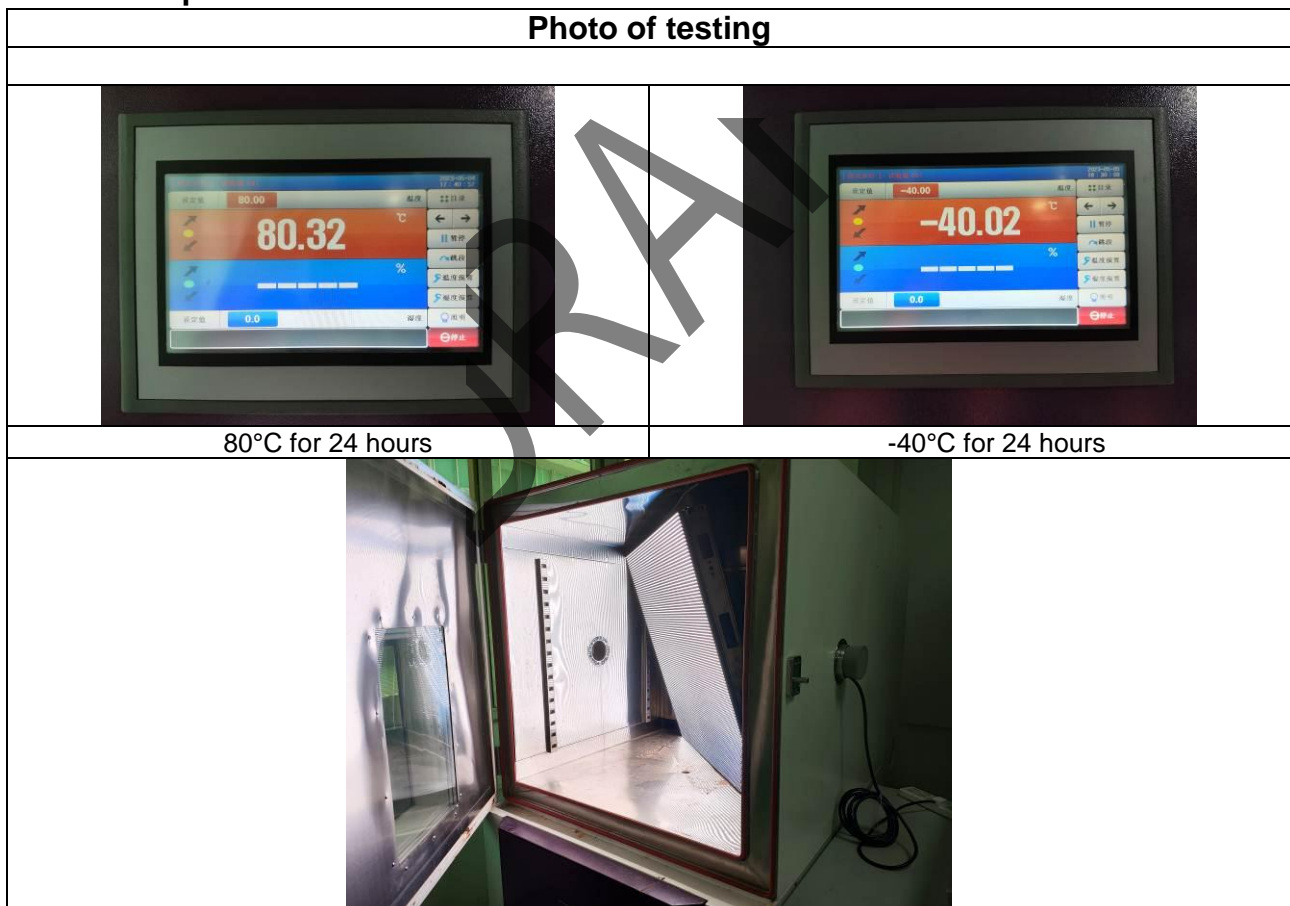
Carton at 80°C for 24 hours and then -40°C for 24 hours.

During the test, the test product is powered on.

1.2 Test results:

After the temperature cycle test, the appearance of the sample is not damaged and the function is normal.

1.3 Test photos:



2. Electric strength

2.1 test method:

A voltage of substantially sine-wave form, with a frequency of 50 Hz or 60 Hz and the value specified, shall be applied for 1 min across the insulation shown in that table.

Initially, no more than half the specified voltage shall be applied, it is then raised gradually to the full value.

The overcurrent relay shall not trip when the output current is less than 100 mA.

No flashover or breakdown shall occur during the test.

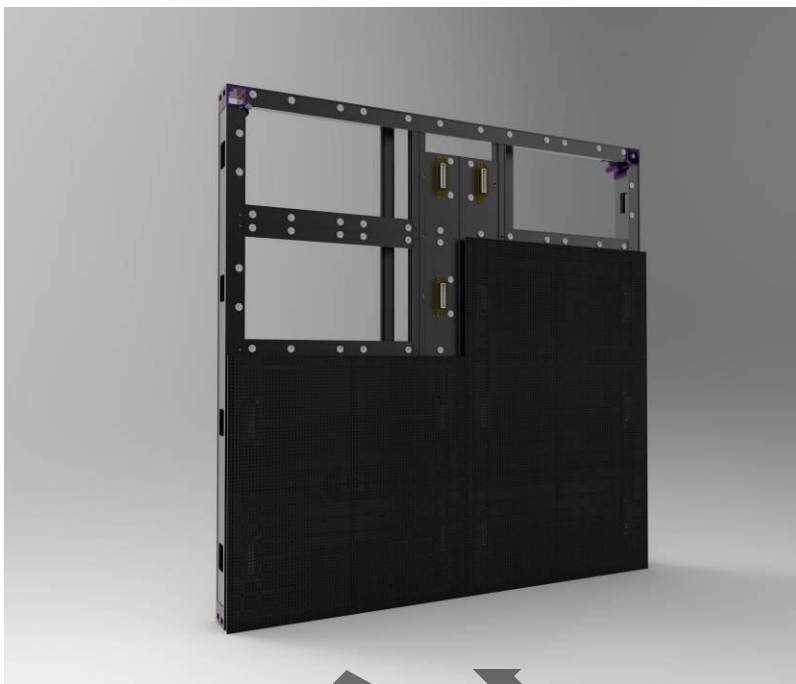
2.2 Test results:

TABLE: Electric strength tests			Pass
Test voltage applied between:	Voltage shape (Surge, Impulse, AC, DC, etc.)	Test voltage (V)	Breakdown Yes / No
Basic/supplementary:			
L/N and metal enclosure	AC	1500	No
Reinforced:			
L/N and plastic enclosure wrapped with foil	AC	3000	No
Supplementary information:			

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Photo documentation

EUT Photo 1



EUT Photo 2



Test equipment list

No.	Equipment No.	Equipment name	Model	Used (√)
1.	BCTC-SA-331	Programmable constant temperature and humidity test chamber	GX-3000-1000LT	√
2.	BCTC-SA-468	Withstand Voltage Tester	CC2672C	√

Note: The above equipment are within the calibration cycle

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STATEMENT

- 1.The equipment lists are traceable to the national reference standards.
- 2.The test report can not be partially copied unless prior written approval is issued from our lab.
- 3.The test report is invalid without stamp of laboratory.
- 4.The test report is invalid without signature of person(s) testing and authorizing.
- 5.The test process and test result is only related to the Unit Under Test.
- 6.The quality system of our laboratory is in accordance with ISO/IEC17025.
- 7.If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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***** END *****