



Test Report



中国认可
国际互认
检测
TESTING
CNAS L6964

Report No.: UNIB24012014DR-01

Page 1 / 6

Applicant : GlacialTech INC.

Address : 7Fl., No.352, Sec. 2, Jung Shan Rd.,Jung He Dist., New Taipei City, Taiwan

Name of sample : Switching Power Supply

Receiving Date : Jan. 20, 2024

Test Date : Jan. 23, 2024~Jan. 24, 2024

Test Address : No. 47-3, Industrial Road, Zhushan, Dalong Street, Panyu District,
Guangzhou, Guangdong, China

Test Method(s) : IEC 60529:1989/AMD2:2013 /COR1:2019

Testing Item(s) : IP66

Decision Basis : IEC 60529:1989/AMD2:2013 /COR1:2019

Conclusion : Pass

Signed for and on behalf of
Shenzhen United Testing Technology Co.,Ltd

Jiang Jiemin

Jan. 31, 2024

Jiang Jiemin
Approved Signatory

Issue Date



Test Report

Report No.: UNIB24012014DR-01

Page 2 / 6

1、 Conclusion

The sample(s) was/were detected and according to the results, the conclusion are as follows:

Test Item(s)		Testing Standard(s)	Decision Basis	Conclusion
Article	Name			
3	IP66	IEC 60529:1989/AMD2:2013 /COR1:2019	IEC 60529:1989/AMD2:2013 /COR1:2019	Pass

2、 Sample information(s)

The following information of sample(s) was/were submitted and identified by applicant:

Main : GP-CVP024N-24V-P02

Series : GP-CVP024N-xxVzzz-P02

Product Model : (xx can be 12, 24 or 48 to denote the rating of output voltage.
zzz can be any character or number or blank for marketing purpose only.)

Sample Quantity : 1 Pc

Manufacturer : GlacialTech INC.

Address : 7Fl., No.352, Sec. 2, Jung Shan Rd.,Jung He Dist., New Taipei City, Taiwan



Test Report

Report No.: UNIB24012014DR-01

Page 3 / 6

3、 Test Item: IP66

3.1 Sample number: UNIB24012014 (1#)

3.2 Test equipment:

Name of device	Model	Calibration Effective Deadline
Dust test chamber	OJN-9608	Jul. 31, 2024
Test tool D probe	ZLTI04	Dec. 7, 2024
Rain test device	OJN-IP1-7	Aug. 17, 2024

3.3 Test standard(s): IEC 60529:1989/AMD2:2013 /COR1:2019

3.4 Test conditions:

IP6X:

1. The test instrument was 1.0mm in diameter and 100mm in length, and the test force was (1 ± 0.1) N

2. Dust dense, plus negative pressure;

Test dust: talc powder, with metal wire diameter of 50 μ m, sieve size of 75 μ m metal hole sieve, the amount of 2kg per cubic meter test chamber volume;

Duration of the test: 8h

IPX6:

The inner diameter of the nozzle is 12.5mm, and the distance between the nozzle and the shell surface is 2.5m to 3m

Water flow: (100 ± 5) L/min

Water spraying time per square meter of shell surface: about 1min/m²

Total duration of the trial: at least 3min

3.5 Decision Basis:

IP6X:

There is sufficient clearance between the test tool and the dangerous parts, and the diameter of the test tool cannot pass through any opening; After the test, there is no obvious dust deposition in the shell.

IPX6:

In general, if any water has entered, it shall not:

- be sufficient to interfere with the correct operation of the equipment or impair safety;
- deposit on insulation parts where it could lead to tracking along the creepage distances;
- reach live parts or windings not designed to operate when wet;
- accumulate near the cable end or enter the cable if any.

SZ: D101&D401, No.107, Kaicheng High-Tech Park, Taoyuan Community, Dalang Sub-District, Longhua District, Shenzhen, Guangdong, China

(P.C.518109) Tel:+86-755-86180996

GZ: No.47-3, Industrial Road, Zhushan, Dalong Street, Panyu District, Guangzhou, Guangdong, China

(P.C.511450) Tel:+86-20-39277769

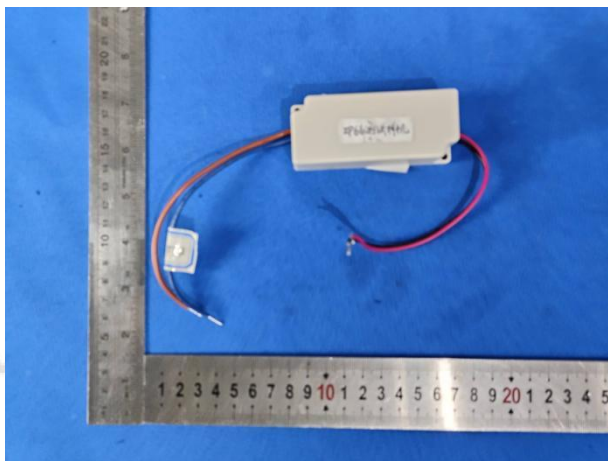
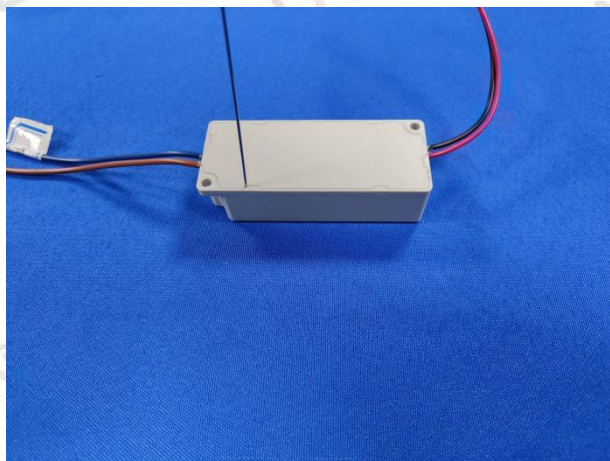
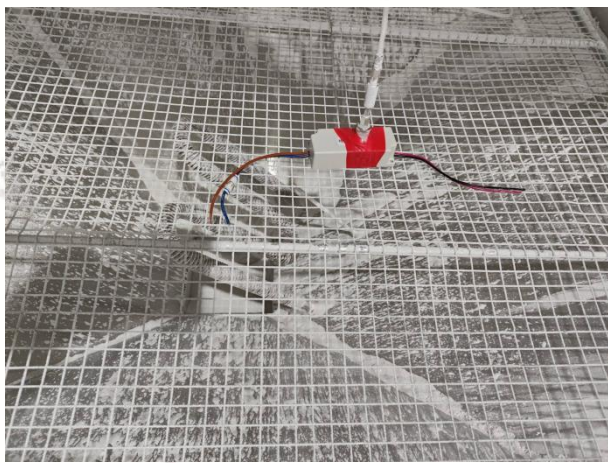
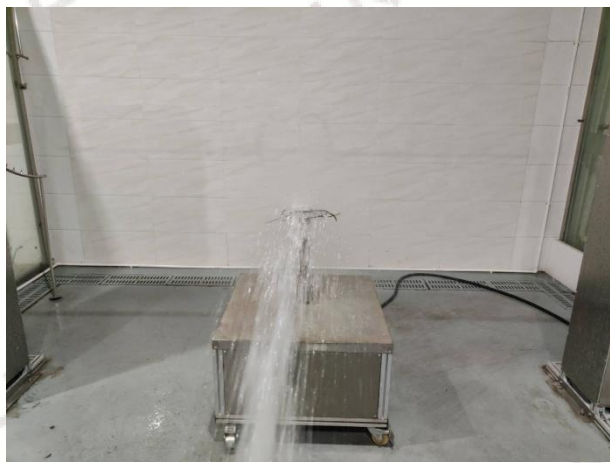
101/F, Building 2, Tongxin Industrial Park, Xinqiao Village, Dalong Street, Panyu District, Guangzhou, Guangdong, China

(P.C.511450) Tel:+86-20-39277769

3.6 Test result(s):

Sample No.	Test result(s)		Conclusion
UNIB24012014 (1#)	IP6X	There is sufficient clearance between the test tool and the dangerous parts, and the diameter of the test tool cannot pass through any opening; After the test, there is no obvious dust deposition in the shell.	Pass
	IPX6	After testing, there was no trace of water inside the sample.	

3.7 Test Photos

	
Before the test	In testing (IP6X)
	
In testing (IP6X)	In testing (IPX6)

	/
After the test	/

Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture, and do not prove the appearance and quality of the applicant 's products.

*******End of Report*******



Test Report

Report No.: UNIB24012014DR-01

Page 6 / 6

Statement

1. This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "x", the report is invalid.
2. This report shall not be modified, added or deleted without authorization.
3. The results of this report are only valid for the samples provided by Applicant to our laboratory for inspection (That is, samples received by our laboratory. Without special explanation, it refers to the samples presented in the report "Sample Photo(s)").
4. If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
5. Without the written consent of the laboratory, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
6. The cover of the report is for decoration only, not included in the body of the report.
7. The paper report issued by our laboratory has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
8. The Chinese and English reports issued by our laboratory have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
9. Please provide the complete report documents issued by our laboratory when inquiring the report.
10. For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.
11. In the People's Republic of China, when there is no CMA Accredited Symbol in this report, the report is only for scientific research, teaching or internal quality control activities.