



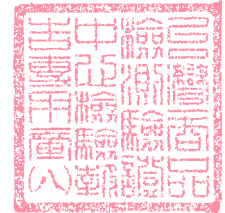
Taiwan Testing and Certification Center  
 ADDRESS: No.5, Xinhé 2nd Rd., South Dist., Tainan City 702, Taiwan (R.O.C.)  
 TEL:06-2925787 FAX:06-2650302  
<http://www.etc.org.tw>



Ind. Ser. No. : 22-10-NEF-006  
 Issue Date : 2023 / 3 / 28

# TEST REPORT

Ind. Ser. No. : 22-10-NEF-006  
 Applicant : GlacialTech INC.  
 Address : 7Fl., No.352, Sec. 2, Jung Shan Rd., Jung He Dist., New Taipei City, Taiwan, 235, R.O.C.  
 Products : LED Driver  
                   Main: GP-CVM600P-24VD2  
                   Series: GP-CVM600P-12V、GP-CVM600P-24V、GP-CVM600P-36V、GP-CVM600P-48V、GP-CVM600P-54V、GP-CVM600P-12VA、GP-CVM600P-24VA、GP-CVM600P-36VA、GP-CVM600P-48VA、GP-CVM600P-54VA、GP-CVM600P-12VD2、GP-CVM600P-36VD2、GP-CVM600P-48VD2、GP-CVM600P-54VD2  
 Model :  
 Quantity : 1set  
 Date of Receipt : 2022 / 10 / 11  
 Date of Testing : 2022 / 10 / 11 ~ 2022 / 10 / 12  
 Test specification : IEC60529 Edition 2.2 2013-08  
 Inspection Site : EMC/SAFETY Laboratory ,Tainan (TAF Certification No:1161)  
 Ambient Environment : IP6X Temp. 30.5 °C , R.H. 39 % ,Air pressure101.7 kPa  
                               IPX7 Temp. 27.7 °C , R.H. 49 % ,Air pressure101.8 kPa  
 Testing Item : IP67  
 Test condition : See the following sheets  
 Test result : PASS



The test results relate only to the items tested.

The report shall not be reproduced except in full without the written approval of Taiwan Testing and Certification Center.

This inspection has carried out to the best of our knowledge and ability, and our responsibility is limited to the exercise of reasonable care, this certification is not intended to believe the sellers from their contractual obligations.

Tested by : Yu Bin Qiu 2023.3.28 Approved by : Kevin Lee 2023.03.28

EMC/SAFETY  
 Laboratory ,Tainan

EMC/SAFETY  
 Laboratory ,Tainan



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## Testing Item: IP67

### Testing Conditions :

- (1) IP6X : (1) Maximum depression of 2kPa (20mbar ) ◦  
(2) The test shall be continued for a period of 8h ◦

- (2) IPX7 :  
(1)Put the testing sample under water 1 m ◦  
(2)The duration of the test is 30 min ◦

### Testing Result : IP67

Request/Experiment	Results	Remark
Accordance with IEC60529 13.1, 13.4 and 13.6 test. The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.	There is no trace of dust inside.	IP6X
After testing in accordance with appropriate requirements of IEC60529 14.1,14.2.7 and 14.3	No ingress of water was found inside.	IPX7



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## Utilized testing equipments

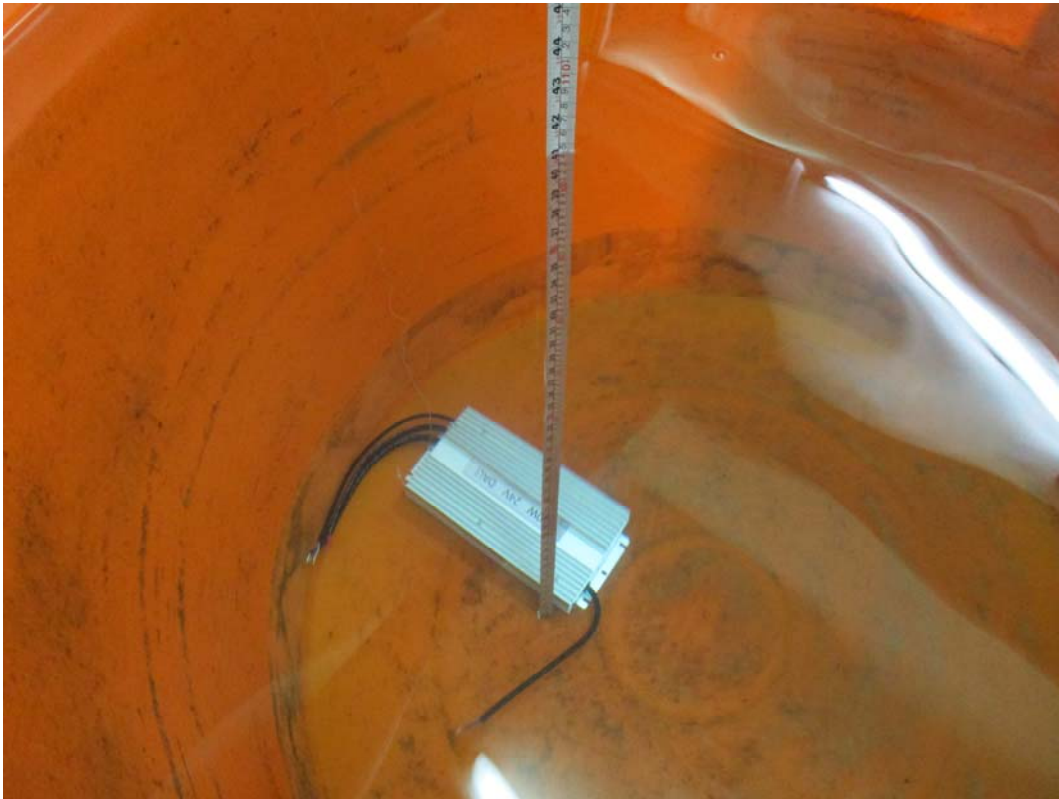
	Kind of Instrument	Manufacturer	Model Serial NO.
✓	TEMP/HUM RECORDER Cal. Date:2022/04/19 Recommended Recal. Date:2023 / 04 / 18	KIMO	KH210-AO/13491047-001
✓	Empty box barometer Cal. Date:2021/06/01 Recommended Recal. Date:2024 / 05 / 29	ISUZU	B-180-ON/13481303-001
	Electrical Safety Compliance Analyzer	EXTECH	7452/E992214
	AC 20Kv 200mA	Asis	SYT-20kV200mA/S97-004
	Push And Pull Dynamometer with Linear Scale (0...50N)	PTL	P10.35/5001028
✓	Push-Pull gauge	ALGOL	HF-20/13500211-001
	Push-Pull gauge	ALGOL	NK-300/13500206-001
	Protractor	—	A7028-J ( 0° ~ 90° )
✓	Stop Watch Cal. Date:2021/12/03 Recommended Recal. Date:2022/12/02	CASIO	HS-3/J803
✓	Test rod,1mm	E.D.&D.	TRP-02
	Test rod,2.5mm	ASIA QTECH	TRP-1/0803
	Test sphere 50mm	ASIA QTECH	TSP-1/0801
	Test finger	PTL	P10.14/5001023/13502009-001
	Test sphere 12.5mm	ASIA QTECH	TSP-2/0802
✓	DUST TEST CHAMBER Cal. Date:2022/03/28 Recommended Recal. Date:2023/03/27	PTL	P14.41/5050255
✓	Mesh screen	ASIA	P14.83
	Drip Box ( IPX1~IPX2 )	PTL	P01.18/5080026
	Oscillating Tube ( IPX3~IPX4 )	PTL	P02.27/5080027
	Hose Nozzle ( IPX5 )	PTL	P03.26/5080028
	Hose Nozzle ( IPX6 )	PTL	P03.28/5080029
✓	Water Butt ( IPX7~8 )	—	—

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## IP6X Test



## IPX7 Test



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### Appearance

**(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)**



### Appearance

**(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)**







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## Appearance

(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)



## Appearance

(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)



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### Appearance

(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)



### Appearance

(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)



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### Inside

(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)



### Inside

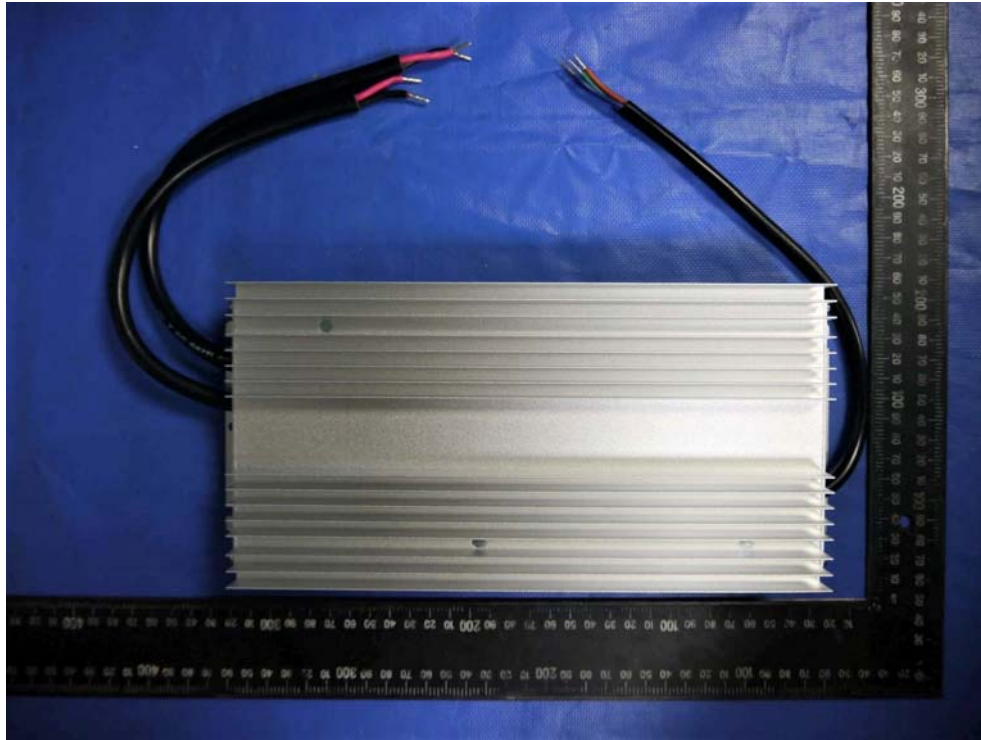
(GP-CVM600P-12VD2、GP-CVM600P-24VD2、GP-CVM600P-12VA、GP-CVM600P-24VA)



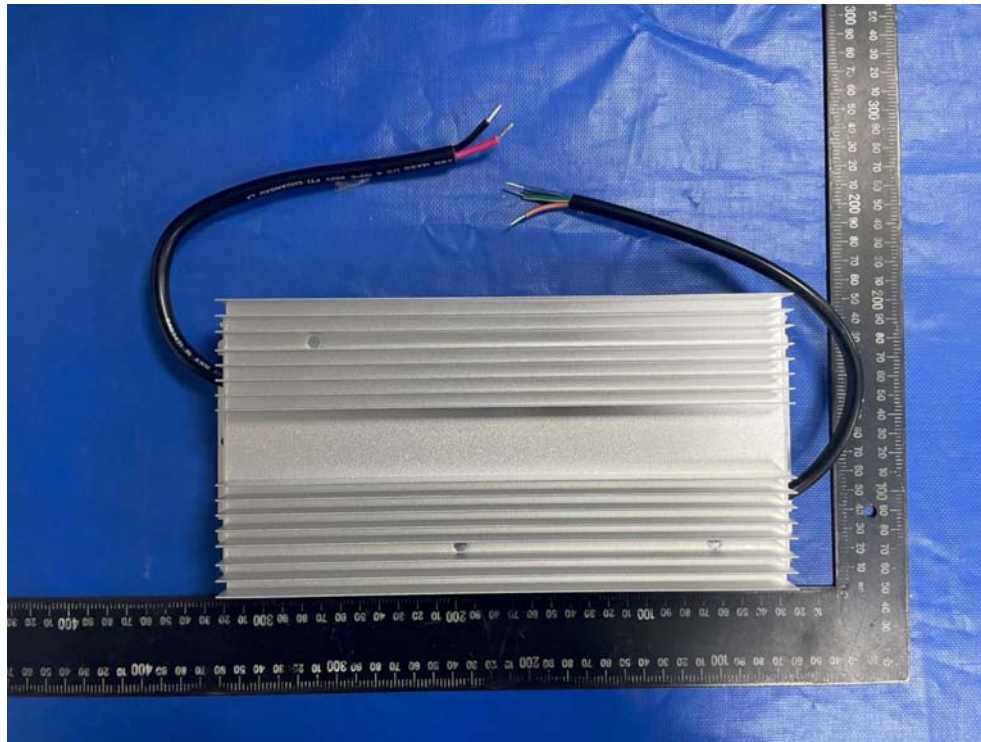


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**Appearance**  
**(GP-CVM600P-12V、GP-CVM600P-24V)**



**Appearance**  
**(GP-CVM600P-36V、GP-CVM600P-48V、GP-CVM600P-54V)**





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## Appearance

(GP-CVM600P-36VA、GP-CVM600P-48VA、GP-CVM600P-54VA、GP-CVM600P-36VD2、  
GP-CVM600P-48VD2、GP-CVM600P-54VD2)

