TEST REPORT

Product Name	:	**On-Grid Hybrid Inverter**
Model Number	:	**EHT15K, EHT20K, EHT25K, EHT30K**

Prepared for	:	Huizhou Epever Technology Co., Ltd.
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Prepared by	:	EMTEK (DONGGUAN) CO., LTD.
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Report Number	:	EDG2606110262R00101R
Date(s) of Tests	:	2026.06.23 to 2026.06.24
Date of Issue	:	2026.06.25

Applicant	:	Huizhou Epever Technology Co., Ltd.
Address	:	No. 6 Laowu Road, Start-up Area of China-Korea (Huizhou) Industrial Park, Zhongkai District, Huizhou, Guangdong, China
Sample Name	:	On-Grid Hybrid Inverter
Model Number	:	EHT15K, EHT20K, EHT25K, EHT30K
Sample Quantity	:	1PC
Date of Received	:	2026.06.18

Test Summary

No.	Test Item	Test Standard	Test Conclusion
1	IP6X	IEC 60529:1989/AMD2:2013/COR1:2019	Pass
2	IPX6	IEC 60529:1989/AMD2:2013/COR1:2019	Pass

Remark:

Pass: Test item meet the requirement;

Fail: Test item does not meet the requirement;

N/A: Test case does not apply to the test object, or provide test results only.

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Inspected by: Inspected engineer

Reviewed by: Li Lijuan
Reviewed director

Approved by:
Authorized signatory

EMTEK (DONGGUAN) CO., LTD. TESTING

1. Test Item: IP6X

1.1 Sample No.: E2606110262-01

1.2 Test Equipment(s):

Name	Model	Serial No.	Valid Date to
Sand and dust test chamber	GT1321C	E-R-034	2027.01.13
IP40 test probe	QG-IP40 1N	E-R-321	2027.03.26

1.3 Laboratory Conditions: Temperature: 26.9℃; Humidity: 56.6%RH

1.4 Test Standard: IEC 60529:1989/AMD2:2013/COR1:2019

1.5 Test Conditions:

The object probe with diameter of $1.0^{+0.05}_{0}$mm pushed against any openings of the enclosure with the force of 1N±0.1N.

The sample was put into a test chamber containing 2kg talc per cubic meter to start the test. During the test, the sample was kept in a vacuum state, the maximum pressure difference was 2kPa, and the pumping speed was less than 40 times the shell volume per hour. The test was carried out for 8 hours.

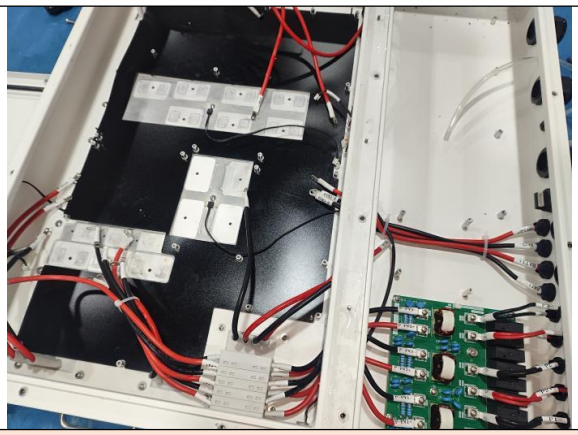
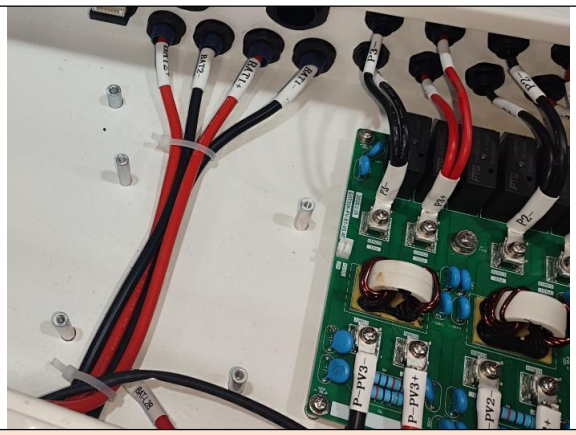
1.6 Judge Criteria: After the test, the probe should not penetrate into the interior of the sample, and there should be no dust entering the interior of the sample.

1.7 Test Result(s):

Sample No.	Test Result	Test Conclusion
E2606110262-01	After the test, the test probe failed to penetrate into the interior of the sample, and no dust was found inside the sample.	Pass

1.8 Test Photo(s)

	
Before the test	Testing
	
Testing	Testing
	
Testing	After the test

	
Post-test inspection	Post-test inspection

2. Test Item: IPX6

2.1 Sample No.: E2606110262-01

2.2 Test Equipment(s):

Name	Model	Serial No.	Valid Date to
IPX1-IPX7 waterproof rating test device	GT1310B	E-R-033	2027.01.13

2.3 Laboratory Conditions: Temperature: 26.9℃; Humidity: 56.6%RH

2.4 Test Standard: IEC 60529:1989/AMD2:2013/COR1:2019

2.5 Test Conditions:

Nozzle inner diameter:	12.5mm
Water flow:	100L/min
Test duration：	3 min
Distance from nozzle to enclosure surface：	between 2.5 m and 3 m

2.6 Judge Criteria: After the test, a small amount of water is allowed to enter the sample, but it should not accumulate and must not reach the electrified parts.

2.7 Test Result(s):

Sample No.	Test Result	Test Conclusion
E2606110262-01	After the test, there was no water ingress inside the sample.	Pass

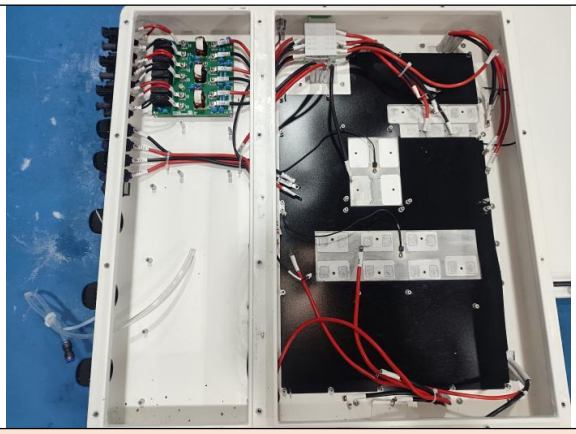
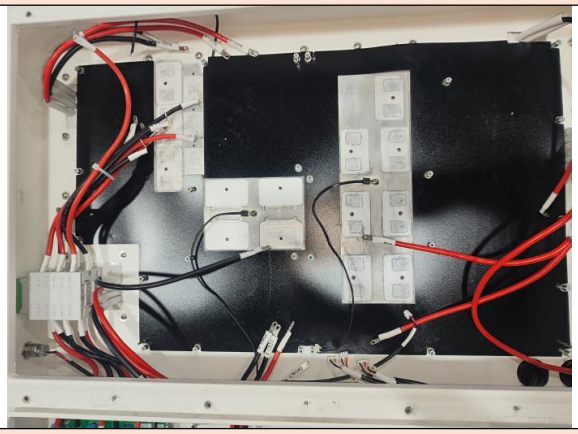
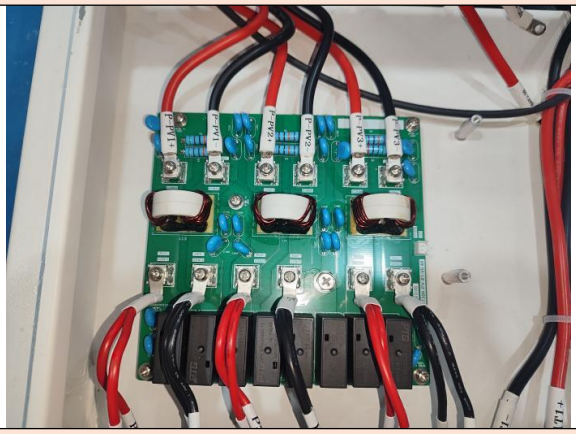
2.8 Test Photo(s)



Before the test



Testing

	
After the test	Post-test inspection
	
Post-test inspection	Post-test inspection

*** End of Report ***

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