



讯科检测
XUNKE TESTING



中国认可
国际互认
检测
TESTING
CNAS L12530

Test Report

Sample Name: Lithium battery pack

Client Name: Eway Energy Technology (Wuhan) Co.,Ltd

Test sort: Commissioned test

Report date: 2025.12.05

(Special stamp for inspection)

Shenzhen Xunke Standard Technology Service Co.,Ltd.

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Test Report

Report No.XKS202512010004E

Page 1 of 5

Detection Category	<input checked="" type="checkbox"/> Commissioned test <input type="checkbox"/> Routine test <input type="checkbox"/> Evaluation test <input type="checkbox"/> Type test		
Sample Source	<input checked="" type="checkbox"/> Client to send samples <input type="checkbox"/> Sampling		
Client	Eway Energy Technology (Wuhan) Co.,Ltd		
Client Address	NO.18 Liufangyuan South Road, East Lake New Technology Development Zone,wuhan Cit, Hubei PRO, CHINA		
Manufacturer	Eway Energy Technology (DanJiangKou) Co.,Ltd		
Manufacturer Address	Yanwei (Danjiangkou) New Energy SmartIndustrial Park, Danjiangkou City, Hubei Province, China		
Sample Name	Lithium battery pack	Logo	/
Sample Model	UNIV7600(H)	Production Serial Number	(660*140*450)mm
Sample Quantity	1pc	Sample Number	XKS202512010004
Date of Sample Receive	2025.12.01	Test Date	2025.12.01~2025.12.04
Environment Condition	Temperature: 25°C Relative humidity: 51%RH		
Test Method	IEC 60529:2013		
Requested/Item	IP65		
Detection address	<input checked="" type="checkbox"/> 1F, D2 Building, Qiangrong East Industrial Zone, No. 723, Zhoushi Road, Jiuwei Community, Hangcheng Street, Baoan District, Shenzhen <input type="checkbox"/> 2nd floor, Huamei Electronics Factory, E2 Building, Qiangrong East Industrial Zone, No. 723, Zhoushi Road, Jiuwei Community, Hangcheng Street, Baoan District, Shenzhen		
Test Results	See the next page		
Note	1. The above information and samples are provided and confirmed by the entrusted unit, and the agency is not responsible for confirming the authenticity, accuracy and/or completeness of the information provided by the customer, but only responsible for the samples. 2. Test results are for reference only. 3.The sample was tested after being treated with glue		

Written by: Wei Yang

Reviewed by: Quan Wu Yang

Approved by: Chengbiao Yin



Test Report

Report No.XKS20251201004E

Page 2 of 5

1.Test requirements

According to IEC 60529:2013,IP65 test was performed on the samples.

2.Test equipment

Equipment name	Model	Calibration date
Sand and dust test room	TL-SC56-19F	2025.03.27~2026.03.26
Test Probe D	GR-F4D	2025.04.19~2026.04.18
3 - 6 Rain test devices	TL-IPX3-6	2025.08.09~2026.08.08

3.Test conditions

Test items	Test conditions
IP6X	Using ϕ 1mm test probe is used to detect the gaps in the sample, with a testing force of 1N. Place the sample in a test chamber containing 2kg of talcum powder per cubic meter to begin the test. During the test, the sample remains in a vacuum state with a maximum pressure difference of 2kPa, and the gas extraction speed is less than 40 times the shell volume per hour. The test lasts for 8 hours.
IPX5	Nozzle inner diameter: 6.3mm Water flow rate: (12.5 ± 0.625) L/min The distance from the sample to the nozzle: 2.5m-3m Test duration: 3 minutes

4.Decision conditions

Test items	Decision conditions
IP6X	The probe should not be able to enter the interior of the sample. After the test, disassemble it to check that there is no dust entering the interior of the sample.
IPX5	There should be no water ingress inside the sample after the test.

Test Report

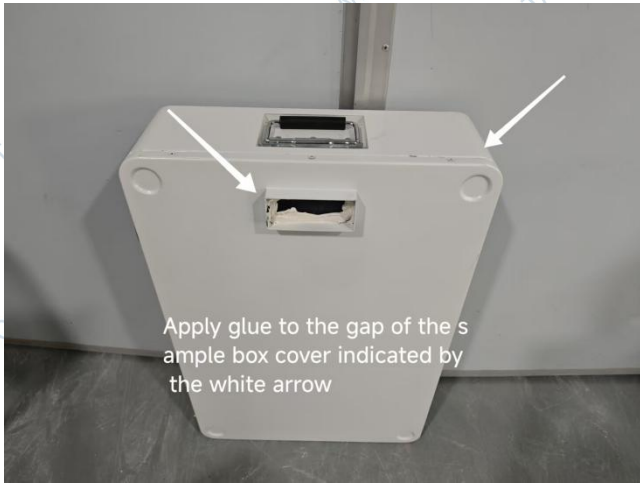

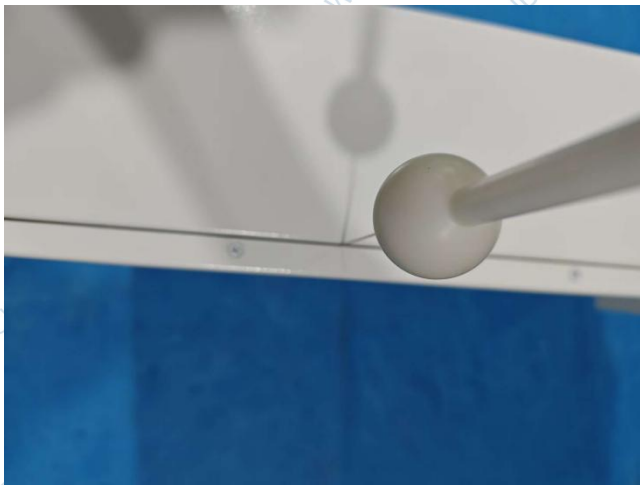

Report No.XKS202512010004E

Page 3 of 5

5.Test results

Test items	Test result	Determine
IP6X	The probe cannot enter the interior of the sample. After the test is completed, check that no dust has entered the sample.	Pass
IPX5	After the test, disassemble the sample to check that no water has entered the interior.	Pass

6.Sample photo

Gluing treatment	Before the test
	
φ 1mm probe testing	In the IP6X test
	

Test Report

Page 4 of 5

Report No.XKS202512010004E

6.Sample photo(continued)

After the IP6X test



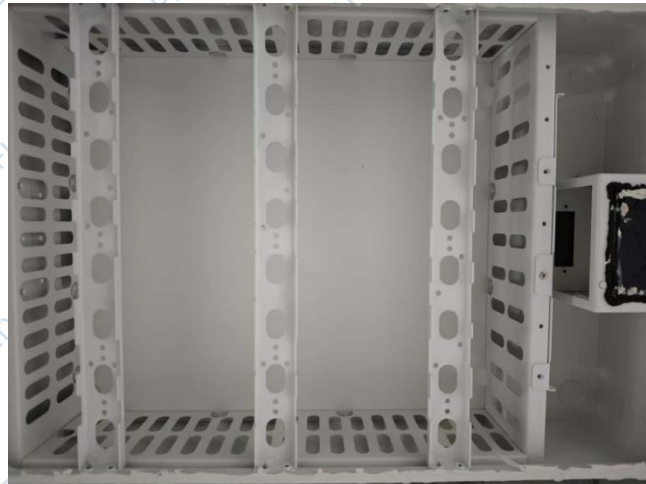
In the IPX5 test



After the IPX5 test



Disassemble and inspect after testing



Report Description

Page 5 of 5

Report No.XKS202512010004E

1.对本报告有异议，请在收到报告十五日之内书面提出。

There is any discrepancy in this report, please after receipt of the report made in writing within 15 days.

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This report is considered invalidated without the Special Seal for Inspection of the XKS. At any time ,without the written approval of XKS report shall not be part of the copy detection.

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The authorized agencies responsible for the authenticity of the representative of the sample and the information, otherwise, the unit does not undertake any responsibility.

4.本报告仅对所测样品负责。对于测试数据的使用及使用所产生的直接或间接损失及一切法律后果，本单位不承担任何经济和法律责任。

This report is only responsible for the test sample.For the use of test data and the use of direct or indirect losses and legal consequences, My company does not undertake any economic and legal responsibility.

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6.除非相关政府部门、法律或法院要求，否则未经公司预先书面同意，本公司毋庸，也并无义务到法院对有关报告作证。

The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

7.如果本公司确定报告被不当地使用，本公司保留撤回报告的权利，并有权要求其它适当的额外赔偿。本公司接受样品进行测试的前提是，该测试报告不能作为针对本公司法律行动的依据。

In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

8.若需要在法院审理程序或者仲裁过程中使用测试报告，客户必须在提交测试样品前将该意图告知本公司。

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9.若委托方指令本公司对样品进行留样，所有的样品保留期最长为 15 个工作日或样品性质允许的最短期限，到期后本公司终止对该样品的任何责任，并将依照内部管理指令对样品进行处置。若委托方未书面提出本公司对样品进行留样，本公司将依照内部管理指令进行处置样品。

Fifteen working days later,my company has the right to the complete test after processing the measured samples.

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