



讯科检测
XUNKE TESTING



中国认可
国际互认
检测
TESTING
CNAS L12530

Test Report

Sample Name: OHS-100 Rechargeable Li-ion Battery System

Client Name: Jiangsu Oliter Energy Technology Co.,Ltd.

Test sort: Commissioned Test

Report date: 2024.04.12

(Special stamp for inspection)



Shenzhen Xunke Standard Technology Service Co.,Ltd.

(Add.): :2nd Floor, Building E2, Qiangrong East Industrial Zone, Jiuwei Community,
Hangcheng Street, Baoan District, Shenzhen City, Guangdong Province, China.

Tel:(+86)-755-23727890 Fax:(+86)-755-23727890

Web.:www.xktest.cn E-mail:cs@xktest.cn P.C.:518126

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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	Jiangsu Oliter Energy Technology Co.,Ltd.		
Client Address	No.88 Bosideng Road Gaoyou City Jiangsu Province		
Manufacturer	/		
Manufacturer Address	/		
Sample Name	OHS-100 Rechargeable Li-ion Battery System	Logo	/
Sample Model	/	Production Serial Number	/
Sample Quantity	1pc	Sample Number	XKS2024R04080084
Date of Sample Receive	2024.04.03	Test Date	2024.04.03-2024.04.11
Environment Condition	Temperature: 24.5°C Relative humidity: 53%		
Test Method	GB/T 4208-2017,IEC 60068-2-52:2017		
Requested/Item	IP65,Alternating salt spray		
Test Results	See the next page		
Note	<p>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.</p> <p>2. The test results are for reference only.</p>		

Written by: *Wei Yang*

Reviewed by: *Quan Wu Yang*

Approved By: *Quan Li*



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1.Test Descriptions:

According to the standard GB/T 4208-2017,IEC 60068-2-52:2017,IP65 and alternating salt spray test is performed on the sample.

2.Test Equipments:

Device name	Device model	Calibration validity period
Dust proof test chamber	DT-4320CF	2023.11.27-2024.11.26
3-6 Rain test chamber	TL-IPX3-6	2023.08.11-2024.08.10
Test tool D probe	GR-F3C	2023.04.23-2024.04.22
Cyclic corrosion test chamber	YENA-1000L	2024.01.08-2025.01.07

3.Test conditions:

Test items	Test conditions
IP6X	1.Explore the gaps of the sample with a 1mm diameter test probe with a test force of 1N. 2.The sample was put into a test box containing 2kg of talc per cubic meter to start the test.During the test,the sample remained vacuum,the maximum pressure difference was 2 kPa,and the pumping speed was less than 40 times the shell volume per hour,and the test was conducted for 8 hours.
IPX5	Water flow rate: 12.5L/min Inner diameter of nozzle: 6.3mm Rotary speed: 1r/min Distance from sample to nozzle: 2.5~3m Test time: 3mins
Alternating salt spray	Spray cycle: brine spray 2h at 35°C; Storage cycle: (40±2) °C, (93±3) %RH wet heat box stored for 20 ~ 22h; One cycle is 1d. One cycle consisted of spraying the test sample with a salt solution for 2h at 35 ° C ±2K and then storing it for 22h at 40 ° C ±2K and a relative humidity of (93±3)%. The number of cycles is three (3d).

4.Decision Requirements:

Test items	Decision Requirements
IP6X	The probe shall not enter the sample housing;There is no obvious dust deposit in the shell.
IPX5	After the test, no water should enter the inside of the sample.
Alternating salt spray	The surface of the sample should be free from corrosion.

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5. Test Results:

Test items	Test result	Determine
IP6X	The test probe could not penetrate the inside of the sample;after the test,no dust inside the sample by visual inspection.	Pass
IPX5	After the test, no water inside the sample by visual inspection.	Pass
Alternating salt spray	There is no corrosion on the surface of the sample.	Pass

6. Test photos:



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6.Test photos(Continue):

IP65 inspection After the test	Alternating salt spray test
	
<p>Inspection After the alternating salt spray</p>	<p>/</p>
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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。

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