

Test Report

Report NO.: SUER250500068571

Release date : 2025-06-05

Page : 1 of 4

Applicant : Shanghai PYTES Energy Co., Ltd.
No.3492 Jinqian Road, Fengxian District, Shanghai, China

Manufacturer : Shanghai PYTES Energy Co., Ltd.
No.3492 Jinqian Road, Fengxian District, Shanghai, China

Product Name : Rechargeable Li-ion Battery

Product Model No : V10, V12

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Laboratory name..... : SGS-CSTC Standards Technical Services Co.,Ltd. Suzhou Branch

Laboratory address : No.10, Weiye Road, Kunshan Development Zone, Suzhou, Jiangsu, China

Sample receipt date : 2025-03-07

Date of Test..... : 2025-03-10

Conclusion..... : For further details, please refer to the following page(s)

Remark /Note : 1) The test results presented in this report relate only to the object tested.
2) The report shall not be reproduced except in full, without approval of the laboratory.
3) The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc... and just for client internal reference.

Tested by:

Leo Li
Leo Li

Approved by:

Frank Fang
Frank Fang



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Test Report

Report NO.: SUER250500068571

Release date : 2025-06-05

Page : 2 of 4

Summary of Results

No	Test Item	Test Standard	Conclusion
1	IPX6 Test	IEC 60529:1989/AMD2:2013/COR1:2019 Degrees of protection provided by enclosures (IP Code)	Pass

Note: Pass: Meet the requirements;

Fail: Does not meet the requirements;

/: Not apply to the judgment.

Test site:

No.236 CaoFeng Rd.,Xukou Town, Wuzhong District, Suzhou, Jiangsu

This report was updated by the Report No.: SUER250300026171, the additional model was added upon the client's requirement: V12, the addresses of applicant and manufacturer were changed to "No.3492 Jinqian Road, Fengxian District, Shanghai, China" upon the client's requirement.



Test Report

Report NO.: SUER250500068571

Release date : 2025-06-05

Page : 3 of 4

1. Test Item: IP6X Test

Product Description: Rechargeable Li-ion Battery

Lab environmental Condition: Temperature: (15~35)°C; Relative Humidity: (25~75)%RH; Atmos: (86~106)kPa.

Reference standard: IEC 60529:1989/AMD2:2013/COR1:2019 Degrees of protection provided by enclosures (IP Code)

Test condition:

Water Flow: 100(1±5%) L/min

Nozzle diameter: 12.5 mm

Test Distance: 2.5m~3m

Test duration: 1 min/m², test for at least 3 min

Test acceptance requirements:

After test, there should be no visible water ingress.

Test result:

Sample Number	Test Result
SUER2503000261AT M1	After test, there was no visible water ingress.

Conclusion: Pass

Test Report

Report NO.: SUER250500068571

Release date : 2025-06-05

Page : 4 of 4

Photographs of the Test Configuration

	
During test	During test

Testing Instrument and Equipment

Equipment	Model	Equipment No.	Calibration Date	Next Calibration Date
Hose spray test device	RPS	ITCK170210	2025-01-07	2026-01-06
A stopwatch	PC894	ITCK220502	2025-01-07	2026-01-06

-----End of Report-----