

1.0 Products covered by this Test Summary

Model Number	Description	Notes
SRVL48RMBP2U	Rechargeable Li-ion Battery	

	Battery pack is a manufactured article consisting of a plastic and metal sealed case containing electronics and cylindrical lithium-ion battery/cells. Physical State: Solid.
	

1.1 Batteries in Products

#	Model Number	Description	Notes
1	SRVL48RMBP2U	Li-Ion Battery Pack ; 48 VDC; 2400 Wh	

1.2 Cells in Batteries

#	Model Number	Description	Notes
2	26148129-Fe-50	Lithium-ion Cell; 3.2Vdc ; 50Ah	

2.0 Manufacturers of Cells/Batteries

2.1 Battery Maker #1

Name	Address	Phone	Website
SHENZHEN ACE BATTERY CO.,LTD DAPENG BRANCH	101/Room 101, Building B05, BAK Industrial Park, No. 119-2 Kuipeng Road, Kuixin Zone, Kuichong Street, Dapeng District, Shenzhen,	+86-755- 86541827	www.acebattery.com

	Guangdong Province 518119, P.R.China		
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2.1 Cell Maker #2

Name	Address	Phone	Website
SHENZHEN BAK ENERGY CO., LTD	26/F, BAK Tech Bldg, 9th Keyan Rd, Hi-tech Park, Nanshan Dist, Shenzhen City, China	+86-755- 83283710	info@cbakbattery.com

3.0 Test Laboratories of Cells / Batteries

3.1 Test for Battery #1

Name		Address	Phone	Website
GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER		Room C102, No,1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Light Industry Testing Laboratory in Science City)	+86-020- 38669019-811	www.iqtcnet.cn
Test ID No:	01052100003759-2(E)			
Date:	2021-07-28			
NOTES: The samples has passed the test items of Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1), Part III sub-section 38.3.				

	Lithium Ion Cell
XXX	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

4.0 Parameters of Cells/Batteries

4.1 Battery #1

Parameters	Cell#2	Battery#1
Mass in Kg	1.124	16.86
Lithium ion Indicate watt-hour rating (Wh)	160	2400
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

Physical Description of Cells / Batteries

SRVL48RMBP2U(Battery#1)

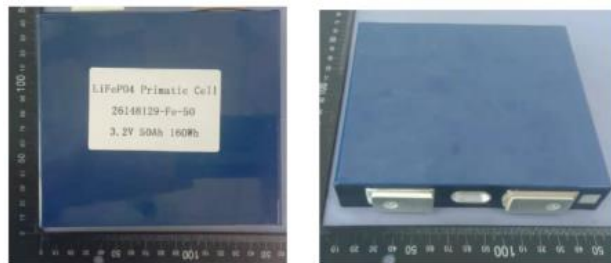


SRVL48RMBP2U Label



Cell (Cell#2)

26148129-Fe-50



5.0 List of tests conducted and results

Test	Pass	Fail	N/A
T1 – Altitude simulation	X		
T2 – Thermal Tests	X		
T3 – Vibration	X		
T4 – Shock	X		
T5 – External Short Circuit	X		
T6 – Impact	X		

T7 – Overcharge	X		
T8 – Forced Discharge	X		

6.0 UN38.3 Test Conformation for the Cells inside the battery:

	Cell UN 38.3 Test Confirmed (Yes or No)
When no separate document for the cells is provided, this confirms that the cells inside the battery have successfully passed the UN 38.3 test. In this case under section 5.0 the T7 and T8 must be marked as “passed” and here under section 6.0 “Cell UN 38.3 Test confirmed” needs to be Yes.	YES

7.0 Reference to assembled battery testing requirements

	Not Applicable
	XXX

8.0 Reference to the edition on the Manual of Tests and Criteria applied

ST/SG/AC.10/11/Rev.7/Amend.1 Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria, Part III, Sub-Section 38.3 Lithium metal and lithium ion batteries United Nations

9.0 Manufacture of the cell / battery is in accordance with quality management system as required by the regulations:

Schneider Electric certifies that all articles described in this Test Survey are in compliance with all applicable Schneider Electric Product Specifications, Manufacturing Processes, Quality Control Testing, Quality Plan per ISO9001: 2015, and Environmental guidelines.

10.0 Certification

Company: Schneider Electric – Secure Power Division
Signature:



Authorized representative:

Raymond P. Lizotte, Jr.
Director, Sustainability Office
EMAIL: raymond.lizotte@SE.com
Phone: +1 978-691-1468

Date of compilation: November 16, 2023

Place of expertise: Schneider Electric Andover R&D Center
Andover, MA 01810
United States



Company Seal

11.0 Attachments

Images of Test Report Identifiers

单位信息 Company information	
委托单位信息 Applicant's Information	名称: 中山炬雷明电子有限公司 Name: Zhongshan Voltronic Power Electronic Limited
	地址: 广东省中山市火炬开发区十涌路8号(1号厂房) Address: 1F-8F,Building 1,No 8,Shiyong Road, Zhongshan Torch Hi-Tech Industrial Development Zone, Zhongshan, Guangdong, China.
	电话号码 Phone number: 0760-88280038
	电子邮箱 Email address: alan@voltronicpower.com.cn
	网址 Website: http://www.voltronicpower.com/
生产单位信息 Manufacturer's Information	名称: 深圳市安仕新能源科技有限公司大鹏分公司 Name: SHENZHEN ACE BATTERY CO., LTD DAPENG BRANCH
	地址: 广东省深圳市大鹏区葵涌街道葵新区葵鹏路119-2号比克工业园厂房B05栋101 Address: Room 101, Building B05, BAK Industrial Park, No. 119-2 Kuipeng Road, Kuixin Zone, Kuichong Street, Dapeng District, Shenzhen, Guangdong Province 518119, P.R.China
	电话号码 Phone number: 0755-86541827
	电子邮箱 Email address: lanbi.liu@acebattery.com
	网址 Website: http://www.acebattery.com
试验实验室 Test laboratory	名称: 广州海关技术中心 Name: GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER
	地址: 广东省广州市科学城南翔支路1号C102房(轻工科学城) Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou Guangdong, China (Light Industry Testing Laboratory in Science City)
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	网址 Website: www.iqtcnet.cn