


1.0 Products covered by this Test Summary

Model Number	Description	Notes
XBP48RM1U-LI	Lithium Ion External Battery Pack	

	<p>Battery pack is a manufactured article consisting of a plastic and metal sealed case containing electronics and cylindrical lithium- ion battery/cells. Solid.</p>
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1.1 Batteries in Products

#	Model Number	Description	Notes
1	XBP48RM1U-LI	Li-Ion External Battery Pack; 48V, 14.4Ah, 691.2Wh	

1.2 Cells in Batteries

#	Model Number	Description	Notes
2	26650FS3E	Lithium-ion Cell; 3.2V, 3600mAh	

2.0 Manufacturers of Cells/Batteries

2.1 Battery Maker #1

Name	Address	Phone	Website
SHENZHEN ACE BATTERY CO., LTD DAPENG BRANCH	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	+86-0755-8887 8567	https://www.acebattery.com/

2.1 Cell Maker #2

Name	Address	Phone	Website
DALIAN CBAK POWER BATTERY COMPANY LIMITED	No.11 East Meigui Road, Huayuankou Economic District, Dalian	+86—411—39185990	http://www.cbak.com.cn

3.0 Test Laboratories of Cells / Batteries

3.1 Test for Battery #1

Name	Address	Phone	Website
Shenzhen NTEK New Energy Technology Co., Ltd.	Room 101, Building C, Fenda Hi-Tech Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.	+86(0)-755-3699 5529	http://www.ntekbat.org.cn
Test ID No:	PN2021112376601		
Date:	2021-11-29		
NOTES: The samples have passed the test items of Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7/Section 38.3			

	Lithium Ion Cell
XXX	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

3.1 Test for Cell #2

Name	Address	Phone	Website
Test ID No:			
Date:			

XXX	Lithium Ion Cell
	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

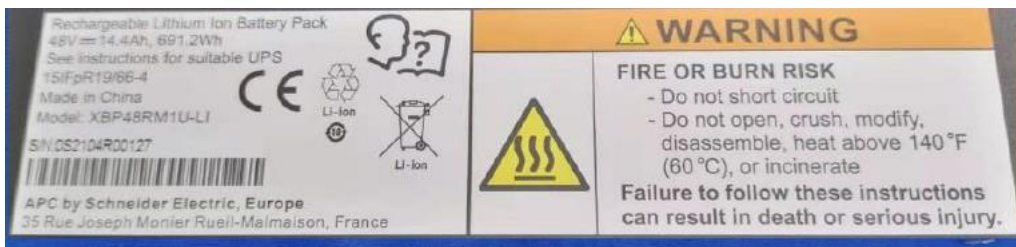
4.0 Parameters of Cells/Batteries

4.1 Battery #1

Parameters	Cell(26650FS3E)	Battery
Mass (Kg)	0.086	5.16
Lithium ion Indicate watt-hour rating (Wh)	11.524	691.2
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

Physical Description of Cells / Batteries

XBP48RM1U-LI



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.6/Amend.1 and 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
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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: October 06, 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



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Report No./报告编号:
PN2021112376601

Applicant 委托单位	SHENZHEN ACE BATTERY CO., LTD 深圳市安仕新能源科技有限公司	
Address of Applicant 委托单位地址	Room 1203, Hanking Financial Center, No.9968 Shennan Avenue, Nanshan District, Shenzhen, Guangdong Province 518000, P.R.China 深圳市南山区粤海街道麻岭社区深南大道 9968 号汉京金融中心 1203	
Manufacturer 生产厂商	SHENZHEN ACE BATTERY CO.,LTD DAPENG BRANCH 深圳市安仕新能源科技有限公司大鹏分公司	
Address of manufacturer 生产厂商地址	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 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	
Name of Products 产品名称	Rechargeable Lithium Ion Battery Pack 可充电锂离子电池组	
Model/Type 型号	XBP48RM1U-LI	
Ratings 额定参数	48V 14.4Ah 691.2Wh	
Date of receipt of test item 接收日期	2021-02-22	
Completion Date 完成日期	2021-04-06	
Tested according to 测试依据:	United Nations Manual of Tests and Criteria, PART III, section 38.3 Lithium metal and lithium ion batteries, the seventh revised edition (ST/SG/AC.10/11/Rev.7). 联合国《试验和标准手册》, 第三部分, 38.3 节锂金属和锂离子电池要求, 第七修订版(ST/SG/AC.10/11/Rev.7)	
Tests performed 测试项目:	Test T.1: Altitude simulation 试验 T.1: 高度模拟 Test T.5: External short circuit 试验 T.5: 外部短路 Test T.2: Thermal Test 试验 T.2: 温度试验 Test T.6: Impact 试验 T.6: 撞击 Test T.3: Vibration 试验 T.3: 振动 Test T.7: Overcharge 试验 T.7: 过度充电 Test T.4: Shock 试验 T.4: 冲击 Test T.8: Forced discharge 试验 T.8: 强制放电	
Test Conclusion 试验结论:	The Rechargeable Lithium Ion Battery Pack submitted by SHENZHEN ACE BATTERY CO., LTD is tested according to the United Nations Manual of Tests and Criteria, PART III, section 38.3 Lithium metal and lithium ion batteries, the seventh revised edition (ST/SG/AC.10/11/Rev.7). Test results: PASS 由深圳市安仕新能源科技有限公司提交的可充电锂离子电池组按照联合国《试验和标准手册》, 第三部分, 38.3 节锂金属和锂离子电池要求, 第七修订版(ST/SG/AC.10/11/Rev.7)进行测试。 测试结果: 合格	
Tested by: 主检人:	Jake Chen 陈嘉南	
Reviewed by: 审核人:	Bill Ye 叶志标	
Approved by: 批准人:	Jesse Zhang 张士杰	



Shenzhen NTEK New Energy Technology Co., Ltd.
Tel: +86(0)-755-3699 5529 <http://www.ntekbat.org.cn>

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