


1.0 Products covered by this Test Summary

Model Number	Description	Notes
XBP48RM2U-LI	Lithium Ion External Battery Pack	

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

1.1 Batteries in Products

#	Model Number	Description	Notes
1	XBP48RM2U-LI	Li-Ion External Battery Pack ; 48V 50Ah 2400Wh	

1.2 Cells in Batteries

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

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	0755-86541827	lanbi.liu@acebattery.com

2.1 Cell Maker #2

Name	Address	Phone	Website

ZHENGZHOU BAK BATTERY CO., LTD	Room 2905, Hanking Financial Center, No.9968 Shennan Avenue, Nanshan District, Shenzhen City, China	+86-0755- 83282723	
-----------------------------------	--------------------------------------------------------------------------------------------------------------	-----------------------	--

3.0 Test Laboratories of Cells / Batteries

3.1 Test for Battery #1

Name	Address	Phone	Website
CVC Testing Technology Co., Ltd.	No.3, Tiantai 1st Road, Kaitai Avenue, Science City, Guangzhou, Guangdong, China. Building D, BASIGO INTELLIGENT, No.179, Guangpu East Road, Huangpu District, Guangzhou, P. R. China.	+86-20-32293888	http://www.cvc.org.cn
Test ID No:	RZUN2021-5738		
Date:	2022-01-24		
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
N/A		N/A	N/A	N/A
Test ID No:	N/A			
Date:	N/A			

XXX	Lithium Ion Cell
	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

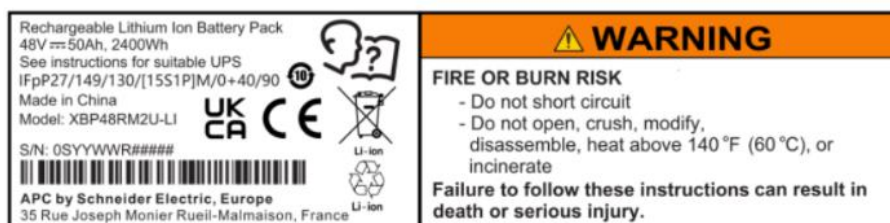
4.0 Parameters of Cells/Batteries

4.1 Battery #1

Parameters	Cell	Battery
Mass (Kg)	1.120	16.8
Lithium ion Indicate watt-hour rating (Wh)	7.6	260
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

Physical Description of Cells / Batteries

XBP48RM2U-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

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

UN38.3 Lithium Battery (Cell) Test Summary UN38.3 锂电池(电芯)试验概要

No. : RZUN2021-5738-TS

Cell or Battery Information 电池/电芯信息		
Name 名称:	Lithium-ion Battery Pack / 可充电锂离子电池组	
Type/Model 型号:	XBP48RM2U-LI 48V 50Ah 2400Wh	
Color 颜色:	Black/黑色	
Shape 形状:	Prismatic/棱柱形	
Completed Battery/Cell Mass 电池/电芯整体质量	26.300kg ~ 26.370kg	
<input checked="" type="checkbox"/>	Belongs to Lithium-ion Battery/Cell, the Wh rating is 属于锂离子电池/电芯, 瓦时数为	2400Wh
<input type="checkbox"/>	Belongs to Lithium metal Battery/Cell, the Lithium content is 属于锂金属电池/电芯, 锂金属含量为	

Manufacturer Information 制造商信息	
Manufacturer:	SHENZHEN ACE BATTERY CO.,LTD DAPENG BRANCH
制造商:	深圳市安仕新能源科技有限公司大鹏分公司
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
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
Telephone 电话:	0755-86541827
Email 电邮:	lanbi.liu@acebattery.com
Website 网址:	www.acebattery.com

Laboratory Information 检测实验室信息	
Laboratory:	CVC Testing Technology Co., Ltd.
检测实验室:	威凯检测技术有限公司
Address:	No.3, Tiantai 1st Road, Kaitai Avenue, Science City, Guangzhou, Guangdong, China.
地址:	Building D, BASIGO INTELLIGENT, No.179, Guangpu East Road, Huangpu District, Guangzhou, P. R. China. 广东省广州市科学城开泰大道天泰一路 3 号 广东省广州市黄埔区光普东路 179 号百事高智慧园 D 栋
Tel 电话:	+86-20-32293888
Email 电邮:	office@cvc.org.cn
Website 网址:	http://www.cvc.org.cn

UN38.3 Test conducted and results UN38.3 试验项目和结果			
Test Report ID 检测报告编号:	RZUN2021-5738	Date of Test Report 检测报告签发日期:	2022-01-24
Manual of Test and Criteria version / amendment: 试验和标准手册版本号/修订版:	ST/SG/AC.10/11/Rev.7/Section 38.3		
List of Tests Completed 已完成的试验项目清单			
Test Items 试验项目	Pass 通过	Fail 失败	Reference to assembled battery testing requirement: 关于组合电池的试验要求:
<input checked="" type="checkbox"/> T1 Altitude Simulation 高度模拟	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Not applicable 不适用
<input checked="" type="checkbox"/> T2 Thermal Test 热冲击	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Applicable, reference to 38.3.3 (f) 适用于 38.3.3 (f)
<input checked="" type="checkbox"/> T3 Vibration 振动	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Applicable, reference to 38.3.3 (g) 适用于 38.3.3 (g)
<input checked="" type="checkbox"/> T4 Shock 冲击	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other executive standards/其他执行标准:
<input checked="" type="checkbox"/> T5 External Short Circuit 外部短路	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> T6 Impact/ Crush 撞击/ 挤压	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> T7 Overcharge 过充电	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> T8 Forced Discharge 强制放电	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Note: The test results of this summary are only valid for the tested samples listed in test report RZUN2021-5738.

注: 此摘要的测试结果仅对测试报告 RZUN2021-5738 中列出的测试样品有效

Title/职务: Manager/经理

Signatory/签发人: 黄鲲

(黄鲲)



LTC-R-4279-UN38.3-B0

