


1.0 Products covered by this Test Summary

Model Number	Description	Notes
XBP48RM1U2-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	XBP48RM1U2-LI	Li-Ion External Battery Pack; 50,4V 12Ah 604.8Wh	

1.2 Cells in Batteries

#	Model Number	Description	Notes
2	US18650VTC4	Lithium-ion Cell; 3.6Vdc; 2100mAh	

2.0 Manufacturers of Cells/Batteries

2.1 Battery Maker #1

Name	Address	Phone	Website
Inventus Power, Inc	Manufacturer address: 1200 Internationale Parkway, Woodridge, IL 60517, USA	+1 630-410-7900	https://inventuspower.com/

2.1 Cell Maker #2

Name	Address	Phone	Website
Tohoku Murata Manufacturing Co., Ltd.	1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi, Fukushima, 963-0531 Japan	81-24-955-7770	HOME Murata Manufacturing Co., Ltd.

3.0 Test Laboratories of Cells / Batteries

3.1 Test for Battery #1

Name	Address	Phone	Website
Vkan Certification & Testing Co., Ltd	No.3,Tiantaiyi Road,Kaitai Avenue,Science City,Guangzhou P. R. China	020 32293888	office@cvc.org.cn
Test ID No:	RZUN2017-2248		
Date:	2018.08.08		
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

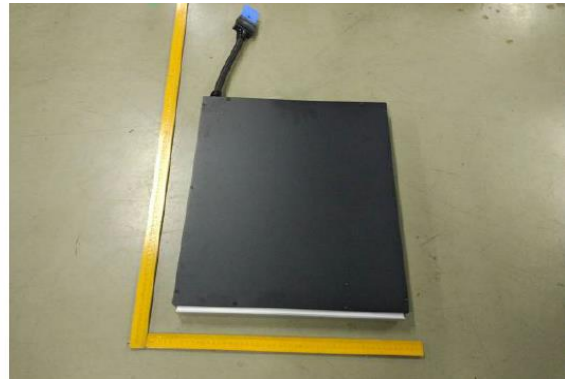
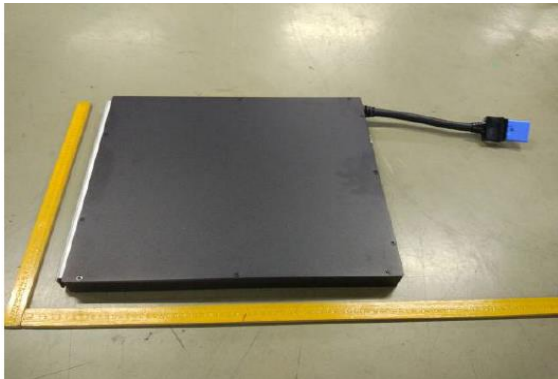
4.0 Parameters of Cells/Batteries





4.1 Battery #1

Parameters	Cell (US18650VTC4)	Battery
Mass (Kg)	0.045	1.12
Lithium ion Indicate watt-hour rating (Wh)	7.6	604.8
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

Physical Description of Cells / Batteries

XBP48RM1U2-LI



<p>Rechargeable Lithium Ion Battery Pack 50.4V 12Ah, 604.8Wh Manufacturer: Inventus Power, Inc. Made in China See instructions for suitable UPS Model: XBP48RM1U2-LI S/N: 9SYWWEXXXXX 14INR19/66-6 APC by Schneider Electric, Europe 35 Rue Joseph Monier Rueil-Malmaison, France</p>   	<p>WARNING</p> <p>FIRE OR BURN RISK</p> <ul style="list-style-type: none"> - Do not short circuit - Do not open, crush, modify, disassemble, heat above 140 °F (60 °C), or incinerate <p>Failure to follow these instructions can result in death or serious injury.</p> 
--	--

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

检测报告 TEST REPORT

No.:RZUN2017-2248

Page 2 of 14 Pages

Name of samples: Rechargeable Lithium Ion Battery Pack 样品名称:可充电锂离子电池	Type/Model: 型号规格: XBP48RM1U2-LI 50,4V 12Ah 604,8Wh
Appearance: black 样品外观颜色:黑色	Trade mark: 商标: -
Commissioned by: Inventus Power, Inc.- Design Center 委托单位: 辉碧电子(东莞)有限公司广州分公司	Commissioner address:5th Floor Western, Changhua Building, No.921 Xingye Road, Nancun Town, Panyu, Guangzhou, Guangdong 511442, P. R. China 委托单位地址:广州市番禺区南村镇兴业路 921 号长华大厦西五楼
Manufacturer: Inventus Power, Inc. 生产单位: -	Manufacturer address: 1200 Internationale Parkway, Woodridge, IL 60517, USA 生产单位地址: -
Factory: ICC Electronics (Donghuan) Ltd./ Fabricators International Ltd. 生产企业: 辉碧电子(东莞)有限公司	Factory address: No.23,Shang Yuan Road, Qing Xi Town, Dong Guan City, Guangdong P.R. China 生产企业地址: 广东省东莞市清溪镇上元路 23 号
Classification of test: Commission Test 检测类别: 委托测试	Quantity of sample: 8 battery packs, 25 cells 样品数量: 8 个电池组, 25 个电芯
Tested according to: 测试标准: ST/SG/AC.10/11/Rev.6/Section 38.3	Sample identification: 样品标识序号:b1#~b8#, c1#~c25#
Receiving date: 接样日期: 2018-07-02	Means of receiving: Submitted by commissioner 接样方式: 委托单位送样
Completing date: 完成日期: 2018-08-07	Test item: 8 items 测试项目: 8 项
Test conclusion: 检测结论: The Rechargeable Lithium Ion Battery packs submitted by Inventus Power, Inc.- Design Center are tested according to Section 38.3 of the sixth Revised Edition of the Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria (ST/SG/AC.10/11/Rev.6/Section 38.3). The test items are full items. The test results comply with the relevant requirements of the standard. 由辉碧电子(东莞)有限公司广州分公司送检的可充电锂离子电池,依据《关于危险货物运输的建议书》试验和标准手册第六修订版第 38.3 节进行检测,检验为全项目,检验结果符合标准相关要求。 <div style="text-align: center;">  Seal of CVC CVC 印章 Date of issue: 签发日期:2018.08.08 </div>	

Approved by:

Reviewed by:

Tested by:

批准:



审核:



检测:

