


1.0 Products covered by this Test Summary

Model Number	Description	Notes
SRYLBM	APC Smart-UPS Ultra Lithium-ion Battery Module	

	<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>
---	--

1.1 Batteries in Products

#	Model Number	Description	Notes
1	911-7013	Rechargeable Li-ion Battery Pack; 180V, 2.47Ah, 444.6Wh	

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
Flextronics Power Systems (Dongguan) Co., Ltd.	Mechanical Industrial Zone, ShiDa Road, DaLing Shan, 523817 DongGuan, GuangDong, People's Republic of China.	+86-769-85602828	ocean.xiao@flex.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	www.murata.com
---------------------------------------	---	-----------------	----------------

3.0 Test Laboratories of Cells / Batteries

3.1 Test for Battery #1

Name	Address	Phone	Website
GUANGDONG UTL CO., LTD.	Lianding Testing Building, No.18 Center Road of Yayuan Industrial Zone, Nancheng District, Dongguan, Guangdong, China.	+86-769-3893 3228	www.gdutl.com
Test ID No:	20PNS080158 02001		
Date:	2020-09-27		
NOTES: The samples has passed the test items of Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.6/Amend.1/Part III Sub-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)	0.045	4.5
Lithium ion Indicate watt-hour rating (Wh)	7.6	444.6
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

Physical Description of Cells / Batteries

911-7013



911-7013 label

Smart-UPS Lithium-Ion
Rechargeable Li-Ion Battery Pack

APC
Model: 911-7013

Rating: 180V \equiv 2.47Ah;444.6Wh
Max Charge Voltage/Current:200V/4.2A
Maximum short circuit current:600A
Duration:5msec
IP20

CONSULT THE USER MANUAL PRIOR TO OPERATING THIS BATTERY!
CONSULTER LE MANUEL D'UTILISATION AVANT D'UTILISER CETTE BATTERIE!
BITTE KONSULTIEREN SIE DAS BENUTZERHANDBUCH VOR DER BATTERIE ZUM BETRIEB!

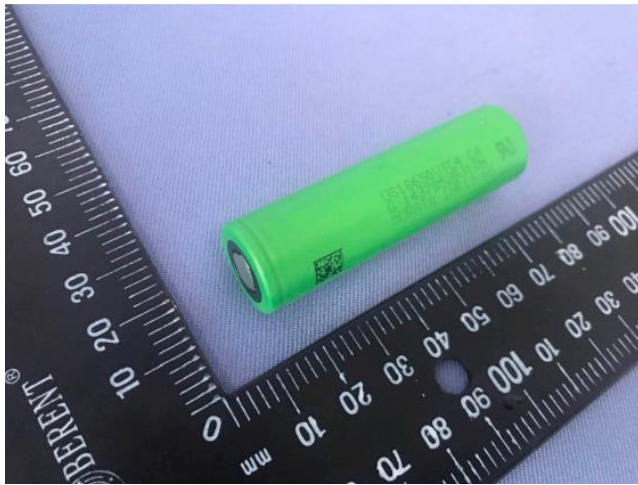
WARNING: RISK OF FIRE, EXPLOSION OR BURNS

- Do not short the battery terminals.
- Do not incinerate, crush or disassemble.
- Do not overcharge or over discharge.
- Do not reverse connections (polarity) between charger and battery.
- Do not operate beyond published voltage, current, and temperature limits.

ATTENTION: RISQUE D'INCENDIE, D'EXPLOSION OU DE BRÛLURES

- NE PAS court-circuiter les bornes de la batterie.
- NE PAS incinérer, écraser ou désassembler.
- NE PAS surcharger ou décharger excessivement la batterie.
- NE PAS inverser la polarité entre le chargeur et la batterie.
- NE PAS utiliser au-delà des plages limites de tension, d'intensité et de température.

Cell (Cell #2)



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 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.

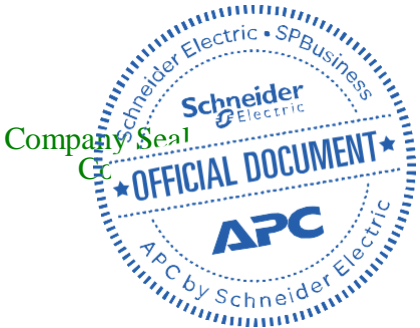


Company: Schneider Electric – Secure Power Division

Signature:

Authorized representative:

Raymond P. Lizotte, Jr.
 Director, Sustainability Office
 EMAIL: raymond.lizotte@SE.com
 Phone: +1 978-930-4141



Date of compilation: October 06, 2023
Place of expertise: Schneider Electric Andover R&D Center
 Andover, MA 01810
 United States

11.0 Attachments

Images of Test Report Identifiers



概要编号/
Summary No.: 20PNS080158 02011

Lithium Cells or Battery Test Summary

锂电池或锂电池组测试概要

Battery Manufacturer/ 电池生产商:	Flextronics Power Systems (Dongguan) Co., Ltd. 伟创力电源(东莞)有限公司
Address/ 地址:	Mechanical Industrial Zone, ShiDa Road, DaLing Shan, 523817 DongGuan, GuangDong, People's Republic of China. 广东省东莞市大岭山镇机械工业区
Phone number /联系电话:	+86-769-85602828
E-mail/电子邮箱:	ocean.xiao@flex.com
Website/公司网址:	N/A

Battery Type/ 电池类型:	Lithium ion Battery / 锂离子电池
Battery Rating/ 电池参数:	180V, 2.47Ah
Battery Physical description/ 电池描述:	Multicolor / 多种颜色, Prismatic / 棱柱形, 50S2P
Battery Model/ 电池型号:	911-7013
Battery Weight/ 电池重量(kg):	10.3
Battery Watt-hour Rating/ 电池瓦时(Wh):	444.6
Battery Lithium content/ 锂金属含量(g):	--

Above Lithium cells or battery have been successfully tested and comply with the UN Manual of Tests and Criteria Part III Subsection 38.3, Rev.6/Amend.1. Test information as below:

上述电池已经通过测试并通过联合国《关于危险品货物运输的建议书》试验和标准手册第六修订版修正1,