

1.0 Products covered by this Test Summary

Model Number	Description	Notes
SCL500RM1NC	APC Smart-UPS Li-Ion, Short Depth 500VA, 120V with Network Management Card	UBP8A04AC1, 911-7010
SCL500RM1UC	APC Smart-UPS C Lithium Ion, Short Depth 500VA, 120V with SmartConnect	UBP8A04AC1, 911-7010
SCL500RM1UNC	APC Smart-UPS C Lithium Ion, Short Depth 500VA, 120V with Network Management Card	UBP8A04AC1, 911-7010
SCL500RM11U	APC Smart-UPS C Lithium Ion, Short Depth 500VA, 230V	UBP8A04AC1, 911-7010
SCL500RM11UC	APC Smart-UPS C Lithium Ion, Short Depth 500VA, 230V with SmartConnect	UBP8A04AC1, 911-7010
SCL500RM11UNC	APC Smart-UPS C Lithium Ion, Short Depth 500VA, 230V with Network Card	UBP8A04AC1, 911-7010
SCL400RMJ1U	APC Smart-UPS Lithium Ion, Short Depth 400VA, 100V	1SCH8A04AC1SA2, 911-6032

Physical Description of Products

Each product consists of an Uninterruptible Power Supply (UPS) that contains a battery pack containing lithium ion battery cells.

1.1 Batteries in Products

#	Model Number	Description	Notes
1	UBP8A04AC1, 911-7010	Rechargeable Lithium-ion Battery Pack, 3.2Ah / 46.08Wh	
2	1SCH8A04AC1SA2, 911-6032	Rechargeable Lithium-ion Battery Pack, 3.2Ah / 46.08Wh	

1.2 Cells in Batteries

#	Model Number	Description	Notes
3	UBP18650VTC4	Sony Murata VTC4 18650 2100mAh 30A Battery	
4			

2.0 Manufacturers of Cells/Batteries

2.1 Battery/Cell Maker #1

Name	Address	Phone	Website
STL TECHNOLOGY CO., LTD.	806 NO.1, WEST 15TH STREET K.E.P.Z. KAOHSIUNG, TAIWAN, R.O.C	+886-2-26987603	http://www.stl-tech.com/

NOTES: UBP8A04AC1 and 1SCH8A04AC1SA2 are the same battery pack that is labeled differently.

2.1 Battery/Cell Maker #2

Name	Address	Phone	Website
STL TECHNOLOGY CO., LTD.	806 NO.1, WEST 15TH STREET K.E.P.Z. KAOHSIUNG, TAIWAN, R.O.C	+886-2-26987603	http://www.stl-tech.com/
NOTES: UBP8A04AC1 and 1SCH8A04AC1SA2 are the same battery pack that is labeled differently.			

2.1 Battery/Cell Maker #3

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	https://www.murata.com/en-global/group/tohokumurata
NOTES:			

3.0 Test Laboratories of Cells / Batteries

3.1 Battery/Cell Maker #1

Name		Address	Phone	Website
STL TECHNOLOGY CO., LTD.		806 NO.1, WEST 15TH STREET K.E.P.Z. KAOHSIUNG, TAIWAN, R.O.C	+886-2-26987603	http://www.stl-tech.com/
Test ID No:	STL1802002			
Date:	September 7, 2018			
NOTES: UBP8A04AC1 and 1SCH8A04AC1SA2 are the same battery pack that is labeled differently.				

	Lithium Ion Cell
XX	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

3.1 Battery/Cell Maker #2

Name	Address	Phone	Website
STL TECHNOLOGY CO., LTD.	806 NO.1, WEST 15TH STREET K.E.P.Z. KAOHSIUNG, TAIWAN, R.O.C	+886-2-26987603	http://www.stl-tech.com/
Test ID No:	STL1802002		
Date:	September 7, 2018		
NOTES: UBP8A04AC1 and 1SCH8A04AC1SA2 are the same battery pack that is labeled differently.			

	Lithium Ion Cell
	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

3.1 Battery/Cell Maker #3

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	https://www.murata.com/en-global/group/tohokumurata
Test ID No:	QA-7227		
Date:	September 01, 2017		
NOTES:			

XX	Lithium Ion Cell
	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

4.0 Parameters of Cells/Batteries

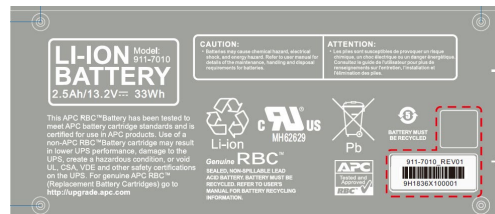
Parameters	Cell	Battery
Mass in gram (g)	48.0	641.0
Lithium ion Indicate watt-hour rating (Wh)	8	46.08
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

Physical Description of Cells / Batteries

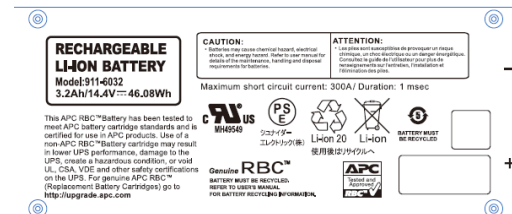
Cylindrical Cells contained within a Battery Pack



UBP8A04AC1



1SCH8A04AC1SA2



5.0 List of tests conducted and results

Test	Pass	Fail	N/A
T1 – Altitude simulation	XX		
T2 – Thermal Tests	XX		
T3 – Vibration	XX		
T4 – Shock	XX		
T5 – External Short Circuit	XX		
T6 – Impact - for cylindrical cells having a diameter of at least 18mm. See Section 6.0	XX (Cell Only)		
T6 – Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18mm. See Section 6.0	XX		
T7 – Overcharge	XX		
T8 – Forced Discharge	XX (Cell Only)		

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 T6 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
	N/A

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

ST/SG/AC.10/11/Rev.5/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: 2008, and Environmental guidelines.

10.0 Certification

Company: Schneider Electric – Secure Power Division

Signature:

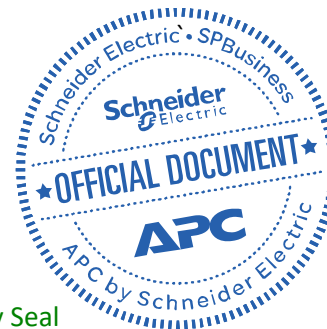


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Date of compilation: November 11, 2019

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Company Seal