

## 1.0 Products covered by this Test Summary

Model Number	Description	Notes
SMTL1000RM2UC	APC Smart-UPS Lithium Ion, Short Depth 1000VA, 120V with SmartConnect	3 x 914-0001
SMTL1000RMI2U	APC Smart-UPS Lithium Ion, Short Depth 1000VA, 230V	3 x 914-0001
SMTL1000RMI2UC	APC Smart-UPS Lithium Ion, Short Depth 1000VA, 230V with SmartConnect	3 x 914-0001
SMTL1000RMI2UNC	APC Smart-UPS Lithium Ion, Short Depth 1000VA, 230V with Network Card	3 x 914-0001
SMTL1500RM3UC	APC Smart-UPS Lithium Ion, Short Depth 1500VA, 120V with SmartConnect	4 x 914-0001
SMTL1500RMI3U	APC Smart-UPS Lithium Ion, Short Depth 1500VA, 230V	4 x 914-0001
SMTL1500RMI3UC	APC Smart-UPS Lithium Ion, Short Depth 1500VA, 230V with SmartConnect	4 x 914-0001
SMTL1500RMI3UNC	APC Smart-UPS Lithium Ion, Short Depth 1500VA, 230V with Network Card	4 x 914-0001
SMTL1K5R3CX180	APC SMART-UPS Li-ion Short Depth 1500VA 120V With SmartConnect and NMC	4 x 914-0001
SMTL750RM2UC	APC Smart-UPS Lithium Ion, Short Depth 750VA, 120V with SmartConnect	2 x 914-0001
SMTL750RMI2U	APC Smart-UPS Lithium Ion, Short Depth 750VA, 230V	2 x 914-0001
SMTL750RMI2UC	APC Smart-UPS Lithium Ion, Short Depth 750VA, 230V with SmartConnect	2 x 914-0001
SMTL750RMI2UNC	APC Smart-UPS Lithium Ion, Short Depth 750VA, 230V with Network Card	2 x 914-0001

### Physical Description of Products

Each product consists of an Uninterruptible Power Supply (UPS) that contains two or more lithium ion batteries (914-0001). Each lithium ion battery is less than 100 WH and contains individual cells that are each less than 10 WH.

### 1.1 Batteries in Products

#	Model Number	Description	Notes
1	ALM000008-01, PSL000005, 914-0001	12V, 5 AH LI-ION EMULATOR	
2	ZE18017, 914-0001	12V, 5 AH LI-ION EMULATOR	

### 1.2 Cells in Batteries

#	Model Number	Description	Notes
3	ANR26650M1-B	3.3 Volts, 2.5 Ah Cylindrical Battery, LithiumWerks Nanophosphate	In 2018 LithiumWerks assumed the right to make A123 Batteries
4	26650 P FS	Lithium ion Rechargeable cell, 3000 mAh, LiFePO4 series cathode	

## 2.0 Manufacturers of Cells/Batteries

### 2.1 Battery Maker #1

Name	Address	Phone	Website
NEC Energy Solutions (Asteelflash Suzhou Ltd)	No.8 Gutang Road, Wetz, Wujiang District, Suzhou, JIANGSU 215200	+86 512 6340 8000	<a href="https://www.asteelflash.com/facility/asteelflash-suzhou/">https://www.asteelflash.com/ facility/asteelflash-suzhou/</a>
NOTES:			

### 2.1 Battery Maker #2

Name	Address	Phone	Website
Shenzhen Ace Battery Co. Ltd.	5 <sup>th</sup> Floor, No. 2 Lanjing Middle Road, Oongtian Street, Pingshan District, Shenzhen, Guangdong, China	+86 755 8328 3710	Email: <a href="mailto:info@cbakbattery.com">info@cbakbattery.com</a> No Website
NOTES:			

### 2.1 Cell Maker #3

Name	Address	Phone	Website
LithiumWerks	18#, BeiHai Road, CZEPE Changzhou New District Jiangzu, PRC, 213031	+1 512 527-2900 (U.S. Office)	<a href="https://lithiumwerks.com/">https://lithiumwerks.com/</a>
NOTES:			

### 2.1 Cell Maker #4

Name	Address	Phone	Website
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DALIAN CBAKPOWER BATTERY COMPANY LIMITED	11 Meigui Street (East), Huayunkou Economic Zone, Dalian, China, 116450	0411-39185999	<a href="http://www.cbak.com.cn/">http://www.cbak.com.cn/</a>
NOTES:			

### 3.0 Test Laboratories of Cells / Batteries

#### 3.1 Test for Battery #1

Name		Address	Phone	Website
Shanghai Research Institute of Chemical Industry Testing Co. Ltd.		East Yunling Road No. 345 Building A Room 717, SHANGHAI, CHINA	+021 5281 5377 0102	<a href="http://www.sricims.com/">http://www.sricims.com/</a>
Test ID No:	1115120 333			
Date:	December 29, 2015			
NOTES:				

	Lithium Ion Cell
XXX	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

#### 3.1 Test for Battery #2

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	E-mail: <a href="mailto:sales@gdutl.com">sales@gdutl.com</a> Website: <a href="http://www.gdutl.com">http://www.gdutl.com</a>
Test ID No:	19PNS050009 03001			
Date:	July 22, 2019			
NOTES:				

	Lithium Ion Cell
XXX	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

#### 3.1 Test for Battery #3

Name	Address	Phone	Website
Shanghai Research Institute of Chemical Industry Testing Co. Ltd.	East Yunling Road No. 345 Building A Room 717, SHANGHAI, CHINA	+021 5281 5377 0102	<a href="http://www.sricims.com/">http://www.sricims.com/</a>
<b>Test ID No:</b>	1118070067		

<b>Date:</b>	August 8, 2018
NOTES: Retest of battery cell after change of ownership of battery maker.	

XXX	Lithium Ion Cell
	Lithium Ion Battery

	Lithium Metal Cell
	Lithium Metal Battery

## 4.0 Parameters of Cells/Batteries

### 4.1 Test for Battery #1

Parameters	Cell	Battery
Mass in gram (g)	76	932
Lithium ion Indicate watt-hour rating (Wh)	0.73	66
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

### Physical Description of Cells / Batteries

914-0001 and Cell:

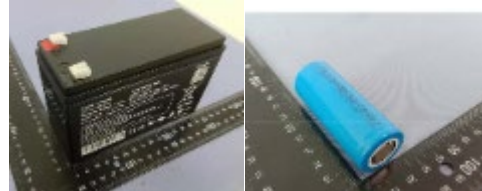


### 4.1 Test for Battery #2

Parameters	Cell	Battery
Mass in gram (g)	99.1	949
Lithium ion Indicate watt-hour rating (Wh)	3.0	76.8
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

### Physical Description of Cells / Batteries

914-0001 and Cell:



## 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 - for cylindrical cells having a diameter of at least 18mm. See Section 6.0	X		
T6 – Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18mm. See Section 6.0			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 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
	XXX

## 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

## 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

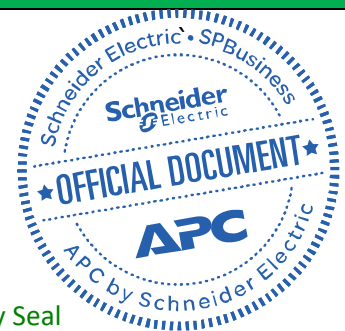
**Signature:**



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United States



**Company Seal**

## 11.0 Attachments