TEST REPORT

Applicant	:	SPECTOR & CO			
Address	:	5700 KIERAN ROAD, ST. LAURENT, QUEBEC, Canada H4S 2B5			
Supplier	:	Brand New Days	**Vendor Code**	:	USB034
Report No	:	140923034SZN-003	**Issue Date**	:	Dec 31, 2014

Sample Description

Type of Product	:	Power bank
Brand	:	/
Model No. of Product	:	T119
Date of Received	:	Sep. 24, 2014
Date of test Conducted	:	Dec 8, 2014 – Dec 22, 2014

Test

Test Method	:	UL2054 Clause 9, Clause 10 & Clause 11
Sample quantity	:	2
Test Observation:	:	See pages 2-7 for details.
Remark	:	When determine the test result, measurement uncertainty has been considered.

********** End of page **********

Tested By

Signed on file

David Huang
Project Engineer

Approved by:

Digitally signed by Derek Qin
Location: Intertek Testing Services

Derek Qin
Project Engineer

Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch
6F, D Block,Huahan Building, Langshang Road, Nanshan District, Shenzhen, P.R. China.
Tel: (86 755) 8601 6288 Fax: (86 755) 8601 6751 Website: www.china.intertek-etlsemko.com

	Battery information	

Battery category	: Li- ion
Manufacturer	: Gemei Energy Co., Ltd.
Type / model	: 18650
Voltage	: 3.7V
Capacity	: 2200mAh
Tested and Certified by (incl. Ref. No.).	: /
Circuit protection diagram:	Not provided

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Clause	Requirement + Test	Result - Remark	Verdict
9	External Short Circuit with Component Faulting	(see appended tables 9)	P
	Short Circuit at 25˚C		P
	Short Circuit at 55˚C		NA
10	Abnormal Charge with Component Faulting	(see appended tables 10)	P
	Method - primary batteries		NA
	Method - secondary cells		NA
	Method - Secondary battery packs		P
11	Abusive Overcharge with Component Faulting	(see appended tables 11)	P

Results Key

-	For information only
P	Pass
F	Fail
NA	Not applicable

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9	**TABLE: Short-Circuit Test**					P
Ambient temperature: 20.2°C						
Sample Model No.		T119	/	/	/	/
Failure Mode		Yes	/	/	/	/
Battery case temp. (°C)		31.1	/	/	/	/
Faulted Protective Device						
Ambient temperature: 55.9°C						
Sample No.		T119	/	/	/	/
Battery surface temp. (°C)		/	/	/	/	/
Failure Mode		/	/	/	/	/
Faulted Protective Device						
Supplementary information: No explosion or fire, or chemical leak; Tmax was recorded on the centre of the outside case. The temperature of the internal cell casings does not exceed 150°C (302°F).						

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10	**TABLE: Abnormal Charging Test**					P
Ambient temperature: 20.2°C						
Sample Model No.	T119	/	/	/	/	
Failure Mode	Yes	/	/	/	/	
Battery case temp. (°C)	33.7	/	/	/	/	
Faulted Protective Device						
Supplementary information: No explosion or fire, or chemical leak; Tmax was recorded on the centre of the outside case;						

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11	**TABLE: Abusive Overcharge Test**					P
Ambient temperature: 20.2°C						
Sample Model No.	T119	/	/	/	/	
Battery case temp. (°C)	20.0	/	/	/	/	
Failure Mode	Yes	/	/	/	/	
Battery case temp. (°C)	34.0	/	/	/	/	
Faulted Protective Device						
Supplementary information: No explosion or fire; Tmax was recorded on the centre of the outside case; Faulted Protective Device*: the MOS is bypassed during the test. The current cut-off was used in protective circuit and it was reset 10 times during the test. The battery have plastic or metal case.						

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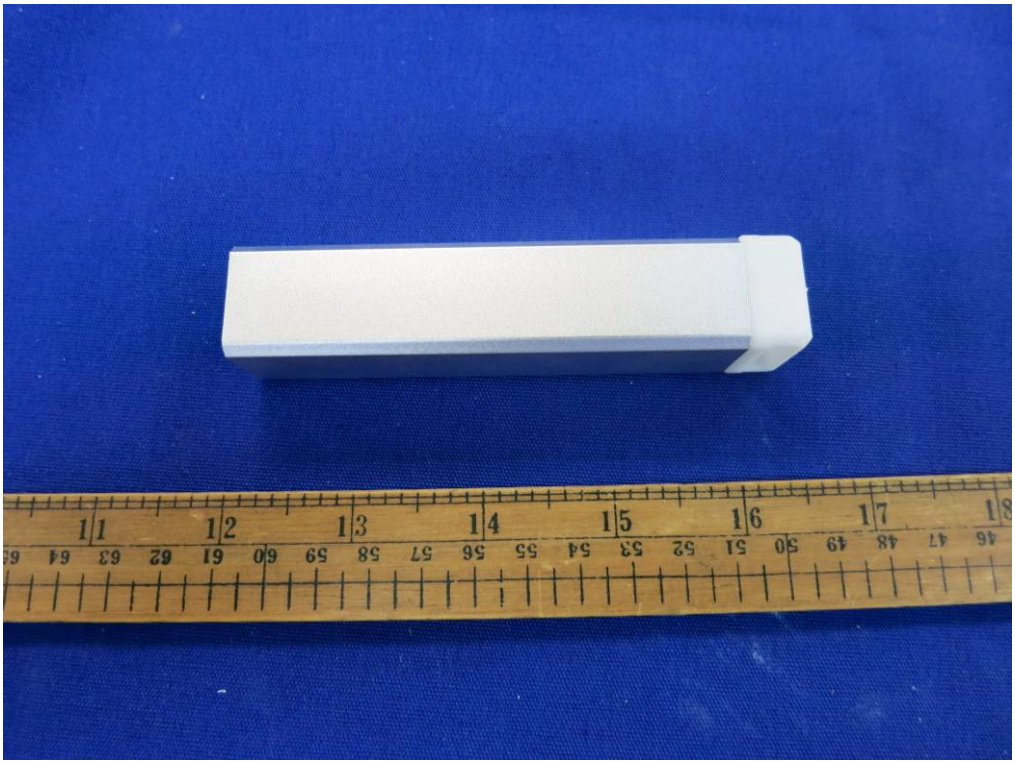
Photo:



Product

Battery

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