

报告编号(Report No.): S-23020659A0

检测报告 TEST REPORT

NAME OF SAMPLE: Charging Case

产品名称: 充电盒

CLIENT: Shenzhen Shokz Co.,Ltd. 委托单位: 深圳市韶音科技有限公司

CLASSIFICATION OF TEST: Commission test

检测类别:委托测试

深圳普瑞赛思检测技术有限公司 Shenzhen Precise Testing Technology Co., Ltd.



Shenzhen Precise Testing Technology Co., Ltd

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	Applicant information
	申请资料
No. 1 of a median	
Name of samples:	Charging Case
样品名称:	充电盒
Type/ Model:	T910 600mAh 2.31Wh Input: 5V=800mA Output:5V=120mA (L)
型号规格:	Output:5V=120mA(R)
Lithium content:	
锂含量:	
Trade mark:	
商标:	
Commission by:	Shenzhen Shokz Co.,Ltd.
委托单位:	深圳市韶音科技有限公司
Commissioner address:	Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin
Commissioner address:	Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China
安代毕业地址: 	Guangdong, Unina 深圳市宝安区石岩街道浪心社区石新社区山城工业区26栋厂房一层至四层
Manufacturer:	Shenzhen Shokz Co.,Ltd.
生产单位:	深圳市韶音科技有限公司
上/ 十四•	Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin
Manufacturer address:	Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen,
生产单位地址:	Guangdong, China
	深圳市宝安区石岩街道浪心社区石新社区山城工业区26栋厂房一层至四层
Appearance:	White
样品外观颜色:	白色
Sample Type	Rechargeable Li-ion Single Cell Battery
样品类型	可充式锂离子单电芯电池
Sample status:	Good
样品状态:	完好
Quantity of sample:	48pcs
样品数量:	40μω
Sample identification:	c1# ~c48#
样品标识序号:	01# **O+O#
Receiving date:	2023-02-21
接样日期:	2020 02 21
Testing date:	2023-02-22
测试开始日期:	2020 02 22
Completing date:	2023-03-06
测试完成日期:	2020 00 00

Conclusion/结论:

The submitted samples comply with the requirements of UNITED NATIONS Section 38.3 of the seventh revised edition Amend.1 of the Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1/Section 38.3)

样品符合联合国《关于危险货物运输的建议书试验和标准手册》第七修订版修正1第38.3节的要求。

Seal/报告专用章:

Date of issue: 2023-03-13

Prepared by:

Approved by: 报告批准:





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	6.: S-23020659A0 Tes	t Conclusion测试结论	Page 3 of 15
No.	Name of test	Test result	Conclusion
序号	测试项目名称	测试结果	本项结论
1	Altitude simulation 高度模拟	See Appendix 1	Р
2	Thermal test 温度测试	See Appendix 2	Р
3	Vibration 振动	See Appendix 3	Р
4	Shock 冲击	See Appendix 4	Р
5	External Short-circuit 外部短路	See Appendix 5	Р
6	Crush 挤压	See Appendix 6	Р
0	Impact 撞击	See Appendix 6	N/A
7	Overcharge 过度充电	See Appendix 7	Р
8	Forced discharge 强制放电	See Appendix 8	Р



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Photos of samples and markings

样品及标识照片

Battery (T910 600mAh 2.31Wh

Input: 5V-800mA Output:5V-120mA (L) Output:5V-120mA (R))







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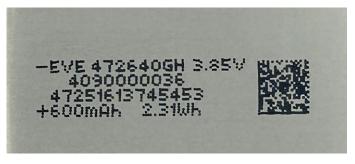
Report No.: S-23020659A0

Photos of samples and markings

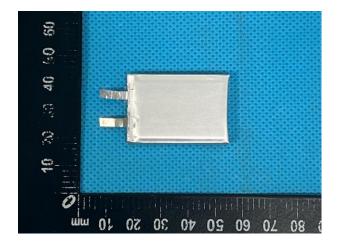
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样品及标识照片

CELL (472640GH 3.85V 600mAh 2.31Wh)









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Report I	No.: S-2302065	9A0				Page 6 of	15
			• •	endix 1 表 1			
Test Items 测试项目	Altitude sim 高度模拟	ulation	113	<u> </u>			
1.1	Test proce 测试步骤	dure					
	ambient ten	nperature (20	±5℃).	·	of 11.6kPa or le 等于11.6kPa的压		
1.2	Sample sta 样品状态		fully also and	-1-1	40% often 05 and		
	states. c1# ~ c5#,	-	, ,		10#, after 25 cycl 525个循环完全充印	_	lly charged
1.3	Result 测试结果					_	
Sample No.	Before To	est测试前	After Te	st测试后	Mass loss 质量损失	Residual OCV	Test result
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	(%)	剩余电压 (≥90%)	测试结果
c1#	57.763	4.990	57.742	4.988	0.036	99.96	0
c2#	57.726	4.982	57.684	4.980	0.073	99.96	0
c3#	57.769	5.013	57.735	5.012	0.059	99.98	0
c4#	57.721	5.003	57.673	5.001	0.083	99.96	0
c5#	57.771	5.006	57.746	5.005	0.043	99.98	0
c6#	57.918	5.002	57.897	5.001	0.036	99.98	0
c7#	57.705	5.003	57.686	5.002	0.033	99.98	0
c8#	57.830	5.001	57.805	4.999	0.043	99.96	0
c9#	57.823	4.991	57.801	4.989	0.038	99.96	0
-		1	1	4.984	0.073	99.98	0

Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O-No leakage, no venting, no disassembly, no rupture, no fire.

注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。



rupture, no fire.

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Appendix 2 附表 2

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测试项目	Thermal test 温度测试	I					
1.1	Test proced 测试步骤	lure					
	72 ± 2 °C,follomaximum tir repeated un for 24 hours 将电芯和电影于6个小时,	owed by stor me interval bo til 10 total cy at ambient to 也在温度为72	age for at leatween test to cles are comemperature (±2℃的条件 前闻隔最长为	east six hour emperature e plete, after w 20±5℃). 下贮存不少于	least six hours at s at a test tempera extremes in 30 minural thich all test cells a 6个小时,然后,在	ature equal to -dutes, This proceed and batteries are 温度-40±2℃条件	40±2℃, The dure is to be to be stored ‡下贮存不少
1.2	Sample stat 样品状态	tus					
	states.	,	, ,	•	~ c10#, after 25 cy 在第25个循环完全统	J	ully charged
1.3	Result 测试结果					_	
Canada Na	Before Test测试前 After Test测试后				Mass loss	Residual Tant	Test
Sample No. 样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	质量损失 (%)	OCV 剩余电压 (≥90%)	result 测试结果
c1#	57.742	4.988	57.710	4.988	0.055	100.00	0
c2#	57.684	4.980	57.654	4.980	0.052	100.00	0
c3#	57.735	5.012	57.711	5.011	0.042	99.98	0
c4#	57.673	5.001	57.621	5.001	0.090	100.00	0
c5#	57.746	5.005	57.724	5.005	0.038	100.00	0
c6#	57.897	5.001	57.863	5.001	0.059	100.00	0
c7#	57.686	5.002	57.641	5.002	0.078	100.00	0
c8#	57.805	4.999	57.772	4.999	0.057	100.00	0
c9#	57.801	4.989	57.770	4.989	0.054	100.00	0
c10#	57.798	4.984	57.771	4.984	0.047	100.00	0

注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。



c5#

c6#

c7#

c8#

c9#

c10#

57.724

57.863

57.641

57.772

57.770

57.771

5.005

5.001

5.002

4.999

4.989

4.984

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кероп	No.: S-2302065	JAU				Page 8 of	13
			Ap	pendix 3			
			ß	付表 3			
Test Items 测试项目	Vibration 振动						
1.1	Test proced 测试步骤	lure					
	cells in such wave form w minutes, Thi perpendicula 将电芯和电流 200Hz,然后	a manner as vith a logarithr s cycle shall l ar mounting p 地牢固地安装	to faithfully tr mic sweep be be repeated 1 osition of the 在振动台的台 Hz为一个循环	ransmit the vib tween 7 Hz ar 2 times for a t cell. 合面上,然后是 不,一个循环持	of the vibration mac pration, The vibration and 200 Hz and back total of 3 hours for ea 开始振动。振动以正 续15分钟的对数扫频	shall be a sind to 7 Hz travers ach of three mu 弦波形式,以	usoidal sed in 15 utually 7Hz增加至
1.2	Sample stat 样品状态	tus					
	states.	•	, ,	•	c10#, after 25 cycle 第25个循环完全充电	J	y charged
1.3	Result 测试结果						
Sample No.	Before Te	est测试前	After Te	est测试后	Mass loss 质量损失	Residual OCV	Test result
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	(%)	剩余电压 (≥90%)	测试结果
c1#	57.710	4.988	57.704	4.987	0.010	99.98	0
c2#	57.654	4.980	57.650	4.980	0.007	100.00	0
c3#	57.711	5.011	57.704	5.010	0.012	99.98	0
c4#	57.621	5.001	57.618	5.001	0.005	100.00	0

Note: **L**-Leakage, **V**-Venting, **D** -Disassembly, **R** -Rupture, **F**-Fire, **O**-No leakage, no venting, no disassembly, no rupture, no fire.

5.004

5.001

5.002

4.999

4.989

4.984

0.012

0.012

0.005

0.005

0.010

0.005

99.98

100.00

100.00

100.00

100.00

100.00

0

0

0

0

0

0

注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。

57.717

57.856

57.638

57.769

57.764

57.768



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				endix 4 ≢ 4			
	Γ		阿	表 4			
Test Items 测试项目	Shock 冲击						
1.1	Test proced 测试步骤	ure					
	to a half-sine may be subject milliseconds. (or Accelerate shall be subject smaller) and perpendicularly 总固的托架速度撞击,脉对每个电池以电池组须经受电池组须经受	eshock of peak ected to a half-small batterie ion(gn)= \$\int_{\text{mass}}^{\text{100050}}\$, ected to a half-pulse duration positive director mounting positive director mounting positive director mounting positive dipole and peak to the positive dipole	x acceleration sine shock of shall be subwhich is small be subwhich is small raine of peak a of 11 millisection followed bestions of the control of the con	of 150gn and peak acceleration conds. Each copy three shockell or battery 的全部配件表受最大加速度的较小值)的中的较小值)的	machine, and each pulse duration of 6 ation of 50gn and pualf-sine shock of peate duration of 6 millises of 50gn (or Accelerated or battery shall be the sine the negative differ a total of 18 shows a total	milliseconds. alse duration of the acceleration of the conds, large ion(gn)= \(1000000000000000000000000000000000000	Large cells of 11 on of 150gn batteries , which is three ee mutually 半正弦的加E弦波冲击。毫秒,大型波冲击。每
1.2		经受18次冲击。					
1.2	样品状态	uo					
	states.	•	, ,	•	:10#, after 25 cycles :25个循环完全充电。	J	ly charged
1.3	Result 测试结果						
Sample No.	Before T	est测试前	After Te	st测试后	Mass loss	Residual OCV	Test
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	质量损失 (%)	剩余电压 (≥90%)	result 测试结果
c1#	57.704	4.987	57.704	4.987	0.000	100.00	0
c2#	57.650	4.980	57.650	4.980	0.000	100.00	0
c3#	57.704	5.010	57.704	5.010	0.000	100.00	0
c4#	57.618	5.001	57.618	5.001	0.000	100.00	0
c5#	57.717	5.004	57.717	5.004	0.000	100.00	0
c6#	57.856	5.001	57.856	5.001	0.000	100.00	0
c7#	57.638	5.002	57.638	5.002	0.000	100.00	0
c8#	57.769	4.999	57.769	4.999	0.000	100.00	0
c9#	57.764	4.989	57.764	4.989	0.000	100.00	0
c10#	57.768	4.984	57.768	4.984	0.000	100.00	0
Noto: L. Look	vago V-Vantin	g D Disassom	hly D -Duntur	o E Eiro O	No leakade no ven:	ting no disas	combly no

Note: **L**-Leakage, **V**-Venting, **D**-Disassembly, **R**-Rupture, **F**-Fire, **O**-No leakage, no venting, no disassembly, no rupture, no fire.

注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。



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	Appendi 附表:		
Test Items 测试项目	External short circuit 外部短路	<u> </u>	
1.1	Test procedure 测试步骤		
	The cell or battery to be tested shall be tell temperature reaches 57±4℃ and then the condition with a total external resistance of condition is continued for at least one hou has returned to 57±4℃, the cell or battery to be concluded. 保持试验环境温度稳定在57±4℃,以使电流下,将其正负极用小于0.1欧姆的线路短接,小时以上,对电芯或电池必须进一步观察6	cell or battery shall be subject felss than 0.1 ohm at 57±4°C rafter the cell or battery exter must be observed for a further burner b	cted to a short circuit f, This short circuit rnal case temperature er six hour for the test ±4℃,然后,在此温度
1.2	Sample status 样品状态		
	c1# ~ c5#, at first cycle in fully charged stacharged states. c1# ~ c5#, 在第一个循环完全充电; c6# ~	,	ů ,
1.3	Result 测试结果		
Sample No. 样品编号	Max. External Temperature 样品表面最高温度 (℃)	Test result 测试结果	Remark 备注
c1#	59.4	0	/
c2#	59.1	0	/
c3#	58.1	0	/
c4#	59.2	0	/
c5#	59.9	0	/
c6#	57.5	0	/
c7#	57.8	0	/
c8#	57.5	0	/
c9#	57.4	0	/
c10#	57.3	0	/

Note: $\bf D$ –Disassembly, $\bf R$ –Rupture, $\bf F$ –Fire, $\bf OT$ –Over Temperature, $\bf O$ –no disassembly, no rupture, no fire, no Over temperature

注: D- 解体; R- 破裂; F- 起火; OT- 超过170℃; O- 无解体、无破裂、无起火、不超过170℃



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Test items 测试项目 Test procedure 测试步骤 Q Crush 挤压 A cell or component cell is to be crushed between two flat surfaces. The crushing is to be gradual with a speed of approximately 1.5 cm/s at the first point of contact. The crushing is to be gradual with a speed of approximately 1.5 cm/s at the first point of contact. The crushing is to be continued until the first of the three options below is reached. (a) The applied force reaches 13kN±0.78kN; (b) The voltage of the cell drops by at least 100 mV; or (c) The cell is deformed by 50% or more of its original thickness. Once the maximum pressure has been obtained, the voltage drops by 100mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure shall be released. 电池也或强战战地也在两个平面同挤压,挤压在第一个核鹼点以约1.5cm/s 的速度慢慢进行,直到下面三个流域之一达到为止: (c)作用力法到 13kN±0.78kN; (b)电池也用解至少达到100mV; (c)电池起时解至少达到100mV; (c)电池超度和最初比较变形全少50%。 —且达到最大压力,电压降超过100 mV或者电池态变形超过50%。压力应该解除。 Inpact 独击 (applicable to cylindrical cells not less than 18mm in diameter) The sample cell or component cell is to be placed on a flat smooth surface, A 15.8 mm ± 0.1 mm diameter, at least 6 cm long, or the longest dimension of the cell, whichever is greater, Type 316 stainless steel bar is to be placed across the centre of the sample. A 9.1 kg ± 0.1 kg mass is to be dropped from a height of 61 ± 2.5 cm at the intersection of the bar and sample in a controlled manner using a near Frictionless, vertical sliding track or channel with minimal drag on the falling mass. The vertical track or channel used to guide the falling mass shall be oriented 90 degrees from the horizontal supporting surface. The test sample is to be impacted with its longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the 15.8 mm ± 0.1 mm diameter curved surface lying across the centre of the st sample. Each sample is to be bubjected to only a single impact.	Report No.: S-23020	659A0 Page 11 of 15
Test trems 测试项目 1.1 Test procedure 测试少骤 区 Crush 挤压 A cell or component cell is to be crushed between two flat surfaces. The crushing is to be gradual with a speed of approximately 1.5 cm/s at the first point of contact. The crushing is to be gradual with a speed of approximately 1.5 cm/s at the first point of contact. The crushing is to be continued until the first of the three options below is reached. (a) The applied force reaches 13kN±0.78kN; (b) The voltage of the cell drops by at least 100 mV; or (c) The cell is deformed by 50% or more of its original thickness. Once the maximum pressure has been obtained, the voltage drops by 100mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure shall be released. 电池艺或组成电池芯在阵两个平面问挤压。挤压在第一个接触点以约1.5cm/s 的速度慢慢进行,直到下面三个选项之一达到为止: (a)作用力达到 13kN±0.78kN; (b)电池芯电压阵至少达到100mV; (c)电池原度和最初比较变形全少50%. —且达到最大压力,电压降超过100 mV或者电池芯变形超过50%,压力应该解除。 □ Impact 撤击 (applicable to cylindrical cells not less than 18mm in diameter) The sample cell or component cell is to be placed on a flat smooth surface. A 15.8 mm ± 0.1 mm diameter, at least 6 cm long, or the longest dimension of the cell, whichever is greater, Type 316 stainless steel bar is to be placed across the centre of the sample. A 9.1 kg ass is to be dropped from a height of 61 ± 2.5 cm at the intersection of the bar and sample in a controlled manner using a near Frictionless, vertical sliding track or channel with minimal drag on the falling mass. The vertical track or channel used to guide the falling mass shall be oriented 90 degrees from the horizontal supporting surface. The test sample is to be impacted with its longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the 15.8 mm ± 0.1 mm diameter curved surface lying across the centre of the test sample. Each sample is to be subjected to		• • • • • • • • • • • • • • • • • • • •
### 1.1 Test procedure 测试步骤 ② Crush 挤压 A cell or component cell is to be crushed between two flat surfaces. The crushing is to be gradual with a speed of approximately 1.5 cm/s at the first point of contact. The crushing is to be continued until the first of the three options below is reached. (a) The applied force reaches 13kN±0.78kN; (b) The voltage of the cell drops by at least 100 mV; or (c) The cell is deformed by 50% or more of its original thickness. Once the maximum pressure has been obtained, the voltage drops by 100mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure shall be released. 电池志或组成电池志在两个平面问挤压。挤压在第一个接触点以约1.5cm/s 的速度慢慢进行,直到下面二个选项之一达到为止: (a)作用力达到 13kN±0.78kN; (b)电池志电压降至少达到100mV; (c)电池厚皮和最初比较变形至少50%。 —旦达到最大压力,电压降超过100 mV或者电池志变形超过50%。压力应该解除。 Impact 撞击 (applicable to cylindrical cells not less than 18mm in diameter) The sample cell or component cell is to be placed on a flat smooth surface. A 15.8 mm ± 0.1 mm diameter, at least 6 cm long, or the longest dimension of the cell, whichever is greater, Type 316 stainless steel bar is to be placed across the centre of the sample. A 9.1 kg ± 0.1 kg mass is to be dropped from a height of 61 ± 2.5 cm at the intersection of the bar and sample in a controlled manner using a near Frictionless, vertical sliding track or channel with minimal drag on the falling mass. The vertical track or channel used to guide the falling mass shall be oriented 90 degrees from the horizontal supporting surface. The test sample is to be impacted with its longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the 15.8 mm ± 0.1 mm diameter curved surface lying across the centre of the test sample. Each sample is to be subjected to		
Test procedure 测试少骤	Test Items	Crush 挤压/Impact 撞击
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The test sample is to be impacted with its longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the 15.8 mm \pm 0.1 mm diameter curved surface lying across the centre of the test sample. Each sample is to be subjected to		The vertical track or channel used to guide the falling mass shall be oriented 90
and perpendicular to the longitudinal axis of the 15.8 mm \pm 0.1 mm diameter curved surface lying across the centre of the test sample. Each sample is to be subjected to		degrees from the horizontal supporting surface.
surface lying across the centre of the test sample. Each sample is to be subjected to		The test sample is to be impacted with its longitudinal axis parallel to the flat surface
		and perpendicular to the longitudinal axis of the 15.8 mm \pm 0.1 mm diameter curved
only a single impact.		surface lying across the centre of the test sample. Each sample is to be subjected to
		only a single impact.



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Appendix 6

	Appendix 附表 6	6	
Test Items	Crush 挤压/Impact 撞击		
测试项目			
	Cells and component cells meet th	is requirement if their externa	al temperature does
	not exceed 170°C and there is no	disassembly and no fire during	ng the test and within
	six hours after this test.		
	(适用于直径不小于18毫米的圆柱形 其纵轴平行于测试台面年,将一直1 心位置。然后,将一质量为9.1kg± 进行试验时,其外表温度应不超过1 无起火现象发生。	圣为15.8mm±0.1 mm的316型 0.1kg的物体从61±2.5 cm的	不锈钢棒横放在电池中 高度落向样品。样品在
1.2	Sample status		
	样品状态		1011 0011 11
	c11# ~ c15#, at first cycle at 50% cycles ending at 50% of the design c11# ~ c15#, 在第一个循环50%的容量。	rated capacity.	
1.3	Result		
	测试结果		
Sample No.	Max. External Temperature	Test result	Remark
样品编号 	样品表面最高温度(℃)	测试结果	备注
c11#	22.4	0	/
c12#	22.9	0	/
c13#	22.2	0	/
c14#	22.4	0	/
c15#	22.1	0	/
c16#	22.4	0	/
c17#	22.6	0	/
c18#	22.4	0	/
c19#	22.2	0	/
c20#	22.3	0	/

Note: ${\bf D}$ -Disassembly, ${\bf R}$ -Rupture, ${\bf F}$ -Fire, ${\bf OT}$ -Over Temperature, ${\bf O}$ - no disassembly, no fire, no Over temperature

注: D- 解体; R- 破裂; F- 起火; OT- 超过170℃; O-无解体、无起火、不超过170℃



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	Appendix 7		_
Test Items 测试项目	Overcharge 过度充电		
	Test procedure		
1.1	测试步骤		
	When the manufacturer's recommended of	•	
	voltage of the test shall be the lesser of tw 22V, whichever is less. When the manufa		•
	18V, the charging voltage of the test shall be		0
	current is 2 times of the maximum chargir		
	如果厂家推荐的充电电压不超过18V,本测	试的最小充电电压应该是	:两倍的厂家标定最大充电
	电压或者是22V,取其中较小者。如果厂家		
4.0	的厂家标定最大充电电压。充电电流为厂家	家推荐的最大充电电流2倍	0
1.2	Sample status 样品状态		
	c21# ~ c24#, at first cycle in fully charged	states; c25# ~c28#, afte	r 25 cycles ending in fully
	charged states.	05# -20# 左答95&領軍	<i>T </i>
	c21# ~ c24#, 在第一个循环完全充电; c: Result	25# ~C28#, 住弟25个值》	N元 至 允电。
1.3	测试结果		
Sample No.	Voltage Before test(V)	Test result	Remark
样品编号	测试前开路电压(V)	测试结果	备注
c21#	5.005	О	/
c22#	5.001	О	/
c23#	4.999	О	/
c24#	5.003	0	/
c25#	4.998	О	/
c26#	5.008	О	/
c27#	5.010	0	/
c28#	5.004	0	/

Note: **D** -Disassembly, **F**-Fire, **O**- no disassembly, no fire.

注: D- 解体; F - 起火; O-无解体、无起火。



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		Append 附表			
Test Items 测试项目	Forced discharge 强制放电	, hil 1/2	<u> </u>		
1.1	Test procedure 测试步骤				
	a 12V D. C, power specified the manufactor a resistive load of the be forced discharged initial test current(in a 在20±5°C的环境温度	supply at an init cturer The specif e appropriate size for a time interv mpere). 下,将单个电芯道	tial current equified discharge ce and rating in seal(in hours) equified the control of the con	perature by connecting all to the maximum discurrent is to be obtained series with the test cellual to its rated capacity 也可以是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	scharge curred by connect, Each cell shy divided by t 此直流电源摄
1.2	Sample status 样品状态				
	fully discharged state		narged states; c	39# ~ c48#, after 25 cy	cles ending i
1.3	Result	个循环完全放电;	c39# ~ c48#,	在第25个循环完全放电	₫.
	Result 测试结果				
1.3 Sample No. 样品编号	Result	个循环完全放电; Test result 测试结果	c39# ~ c48#, Sample No. 样品编号	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V)	Test resul
Sample No.	Result 测试结果 Voltage Before test 测试前开路电压	Test result	Sample No.	Voltage Before test 测试前开路电压	Test resu
Sample No. 样品编号	Result 测试结果 Voltage Before test 测试前开路电压 (V)	Test result 测试结果	Sample No. 样品编号	Voltage Before test 测试前开路电压 (V)	Test resul 测试结果
Sample No. 样品编号 c29#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327	Test result 测试结果 O	Sample No. 样品编号 c39#	Voltage Before test 测试前开路电压 (V) 3.326	Test resul 测试结果 O
Sample No. 样品编号 c29# c30#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327 3.310	Test result 测试结果 O O	Sample No. 样品编号 c39# c40#	Voltage Before test 测试前开路电压 (V) 3.326 3.328	Test resul 测试结果 O O
Sample No. 样品编号 c29# c30# c31#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327 3.310 3.329	Test result 测试结果 O O	Sample No. 样品编号 c39# c40# c41#	Voltage Before test 测试前开路电压 (V) 3.326 3.328 3.333	Test resu 测试结果 O O
Sample No. 样品编号 c29# c30# c31# c32#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327 3.310 3.329 3.324	Test result 测试结果 O O O	Sample No. 样品编号 c39# c40# c41# c42#	Voltage Before test 测试前开路电压 (V) 3.326 3.328 3.333 3.336	Test resul 测试结果 O O O
Sample No. 样品编号 c29# c30# c31# c32# c33#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327 3.310 3.329 3.324 3.331	Test result 测试结果 O O O	Sample No. 样品编号 c39# c40# c41# c42# c43#	Voltage Before test 测试前开路电压 (V) 3.326 3.328 3.333 3.336 3.340	Test resul 测试结果 O O O
Sample No. 样品编号 c29# c30# c31# c32# c33# c34#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327 3.310 3.329 3.324 3.331 3.332	Test result 测试结果 O O O O	Sample No. 样品编号 c39# c40# c41# c42# c43# c44#	Voltage Before test 测试前开路电压 (V) 3.326 3.328 3.333 3.336 3.340 3.340	Test resul 测试结果 O O O
Sample No. 样品编号 c29# c30# c31# c32# c33# c34# c35#	Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.327 3.310 3.329 3.324 3.331 3.332 3.307	Test result 测试结果 O O O O	Sample No. 样品编号 c39# c40# c41# c42# c43# c44# c45#	Voltage Before test 测试前开路电压 (V) 3.326 3.328 3.333 3.336 3.340 3.340 3.338	Test resul 测试结果 O O O O

Note: **D** -Disassembly, **F**-Fire, **O**- no disassembly, no fire.

注: D- 解体; F- 起火; O-无解体、无起火。



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注意事项

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Important Information

- 1. 本报告无批准人签名和"报告专用章"无效。
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 The results shown in the report only apply to the sample(s) as tested.
- 6. 本检测结果中"N/A"表示"不适用","P"表示"通过","F"表示"不通过"。 As for the test result "N/A" means "Not Applicable", "P" means "Pass" and "F" means "Fail".

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