



Page 1 / 15 Pages

检测报告 UN38.3

Name of sample:	Solid Lithium-ion Cell
产品名称:	固态锂离子电芯
Model/型号规格:	JF-TS1-3.7V-22Ah
Client:	Beijing Jianfan Technology Co., Ltd.
委托单位:	北京建帆科技有限公司
Classification:	Commission Test
检测类别:	委托测试

Shenzhen Tiansu Calibration and Testing Co., Ltd

深圳天溯计量检测股份有限公司

Shenzhen Tiansu Calibration and Testing Co.,Ltd 深圳天溯计量检测股份有限公司

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UN38.3



Page 2 / 15 Pages

Name of samples: Solid Lithium-ion Cell	Trade mark: -
样品名称: 固态锂离子电芯	商标: -
Commissioned by: Beijing Jianfan Technology Co., Ltd. 委托单位:北京建帆科技有限公司	Commissioner address: 1011, Unit 2, Floor 10, Building 1, Yard 30, Yuzhi East Road, Huilongguan Town, Changping District, Beijing 委托单位地址: 北京市昌平区回龙观镇育知东路 30 号院 1 号楼 10 层 2 单元 1011
Manufacturer by: Beijing Jianfan Technology Co., Ltd. 制造单位:北京建帆科技有限公司	Manufacturer address: 1011, Unit 2, Floor 10, Building 1, Yard 30, Yuzhi East Road, Huilongguan Town, Changping District, Beijing 制造单位地址: 北京市昌平区回龙观镇育知东路 30 号院 1 号楼 10 层 2 单元 1011
Manufacturer's Contact Information 制造商联系信息: Phone:13146701106 Email: marketing@jftec.cn	Manufacturer's Web Site 制造商网址: www.jftec.cn
Type/Model	Shape: Prismatic
型号规格: JF-TS1-3.7V-22Ah	样品形状: 棱柱形
Appearance color: Silver	Sample size
样品颜色:银色	样品尺寸: T(10.3mm)*W(74.0mm)*L(172.0mm)
Rated info.	Cell quantity
额定信息: 3.7V, 22Ah, 81.4Wh	组成电芯数量: /
Quantity of sample: 40cells	Cell mode
样品数量: 40个电芯	电芯型号: JF-TS1-3.7V-22Ah
Limited charge voltage	Cut-off voltage
充电限制电压: 4.2V	截止电压: 2.75V
Standard charge current	Max continuous charge current
标准充电电流:11A	最大持续充电电流: 22A
Standard discharge current	Max continuous discharge current
标准放电电流: 11A	最大持续放电电流: 66A
Receiving date	Sample identification
接样日期: 2022.01.22	样品标识序号: C01#~C40#
Completing date	Test item: 7 items
完成日期: 2022.02.02	测试项目: 7 项
Test conclusion:	7ian 2" K WIII

Test conclusion:

检测结论:

The Solid Lithium-ion Cell submitted by Beijing Jianfan Technology Co., Ltd are lested according to Section 38.3 of The Seventh Revised Edition of the United Nations Recommendations on the Transport of Derige rous Goods, Manual of Test and Criteria (ST/SG/AC.10/11/Rev.7/Section38.3). The test results comply with the relevant requirements of the standard.

由北京建帆科技有限公司送检的固态锂离子电芯,依据联合国《 订版第38.3节进行检测,测试结果符合标准相关要求。

Date of issue: 2022-03.02

(01-03)

批准 Approved by 段江海

审核 Reviewed by

邓兴勇

主检 Tested by 徐志龙

试验和标准手册》第七修



Page 3 / 15 Pages

Description and illustration of the sample:

样品说明及描述:

	Test item	Sample No.	State 7 cm 5	Remark
	测试项目	样品编号	状态 7,500 500	备注
	T.1~T.5	C01#~C05#	at first cycle in fully charged states; 在第一个循环完全充电;	Cell
X 70	1.1~1.5	C06#~C10#	after 25 cycles ending in fully charged states; 在第二十五个循环完全充电;	电芯
a e	天潮 7ian Su	C11#~C15#	at first cycle at 50% of the design rated capacity; 在第一个循环充电 50%的额定容量;	Cell
w.	T.6	C16#~C20#	after 25 cycles ending in fully charged at 50% of the design rated capacity; 在第二十五个循环充电 50%的额定容量;	电芯
	T.7	1 Tion	511 天瀬 / 天瀬 ·	N/A
*	WA .	1	7 jun 5" / F (M)	不适用
7	T.8 200 Su	C21#~C30#	at first cycle in fully discharged states; 在第一个循环完全放电;	Cell
		C31#~C40#	after 25 cycles ending in fully discharged states; 在第二十五个循环完全放电;	电芯

Descri	ntion of	the s	ampling	proced	lure:
		LI IC O	aiiipiiiiq	PIOCO	. u. u.

取样程序的说明:

Description of report revision:

报告修订的说明:

Remarks:

备注:

The Solid Lithium-ion Cell sent by Beijing Jianfan Technology Co., Ltd. are single cells.

由北京建帆科技有限公司所送检的固态锂离子电芯是单电芯。



Page 4 / 15 Pages

Photos \图片

型号Model:JF-TS1-3.7V-22AH

額定容量Rated capacity: 22Ah(81.4Wh 3.7V)

充电截止电压Charging cut-off coltage:4.2V

充电电流 Charging current: ≤44A





深圳天溯计量检测股份有限公司

ShenZhen Tiansu Calibration and Testing Co.,Ltd.

Rep. No.:TSZ21100009-P02-R01

Page 5 / 15 Pages





Page 6 / 15 Pages

38.3.4	Procedure/测计	式步骤					ian Su—	
* #A	Test 1: Altitude simulation/测试 1: 高度模拟							
	Test cells and batteries shall be stored at a pressure of 11.6kPa or less for at least six hour at ambient temperature (20℃±5℃). 将电芯和电池在温度为 20℃±5℃,大气压力为不大于 11.6kPa 的环境中贮存不少于 6 个小时。							
	Requirement/	标准要求:	700-	a 7ian	5.4	美觀		
	1.Cells and ba	itteries Mass Ic	ss limit: ≤0.1%	A Su			- A&s	
38.3.4.1	样品质量损	失≤0.1%。					P 5	
30.3.4.1					relating to voltag	je is not		
				I discharged sta			8	
	样 市 试 验 后 和 电 芯 。	开路电 压应不1	太丁试验削开路	电压的 90% ,此	要求不适用于完全	全放完电的电池	•	
		no venting, no	disassembly, r	no rupture and r	no fire.		天淵	
					着火现象的发生。	, K.M.	- I tan	
	Result 测试结果	天资	A Tian	5.4	美州 Tian Si		天湖	
Sample No.	Before test 测试前		After Test 测试后		Mass loss	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)	质量损失(%)	剩余电压(%)	测试结果	
C01#	302.05	4. 180	302.05	4. 179	0.00	99. 97	P	
C02#	302.06	4. 174	302.06	4. 173	0.00	99. 98	P	
C03#	302.08	4. 174	302.05	s 4. 174	0. 01	99. 99	Р	
C04#	302.02	4. 181	301.99	4. 181	0. 01	100.00	Tian P	
C05#	302.06	4. 177	302.06	4. 176	0.00	99. 97	Р	
C06#	302.04	4. 175	302. 01	4. 173	0. 01	99. 96	Р	
C07#	302.03	4. 181	301. 97	4. 181	0.02	100.00	Р	
C08#	302.04	4. 174	302.04	4. 174	0.00	100.00	P	
C09#	302.03	4. 180	301. 97	4. 178	0.02	99. 96	Р	
		Trians -	302. 01	³ 4. 176	0. 01	99. 96	Р	

Other supplements: Test result "P" decides that the test item passes.



Page 7 / 15 Pages

38.3.4	Procedure/测	试步骤					ian Su—		
- 5d Q	Test 2: Therr	Test 2: Thermal test/测试 2: 温度测试							
	Test cells and batteries are to be stored for at least six hours at a test temperature equal to 72°C±2°C, followed by storage for at least six hours at a test temperature equal to -40°C ±2°C, The maximum time interval between test temperature extremes in 30 minutes, This procedure is to be repeated until 10 total cycles are complete, after which all test cells and batteries are to be stored for 24 hours at ambient temperature (20°C±5°C).								
	件下贮存不少		个温度间的间隙	鬲最长为 30min		温度-40℃±2℃条 : 骤直到 10 次, 然	ian Su		
38.3.4.2	Requirement/标准要求: 1.Cells and batteries Mass loss limit: ≤0.1% 样品质量损失≤0.1%.								
	applicable	2.Open circuit voltage not less than 90%, The requirement relating to voltage is not applicable to test cells and batteries at full discharged states. 样品试验后开路电压应不低于试验前开路电压的 90%,此要求不适用于完全放完电的电池							
	和电心。 3.No leakage, no venting, no disassembly, no rupture and no fire. 样品(电池)应无漏液、无排气、无解体、无破裂以及无着火现象的发生。						Jian Su		
7ian S	Result 测试结果					ti Su			
Sample	12	re test 式前	10 at 2	Test 式后	Mass loss	Residual OCV	Test result		
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(%)	剩余电压(%)	测试结;		
C01#	302.05	4. 179	301.96	4. 154	0.03	99. 41	Р		

Sample No.		re test 式前	10 m 2 3 11	Test 式后	Mass loss	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)	质量损失(%)	剩余电压(%)	测试结果
C01#	302.05	4. 179	301.96	4. 154	0.03	99. 41	Р
C02#	302.06	4. 173	301.94	4. 150	0.04	99. 46	P
C03#	302.05	4. 174	301.90	4. 153	0.05	99. 49	P
C04#	301. 99	4. 181	301.87	4. 159	0.04	99. 47	P W
C05#	302.06	4. 176	301.97	4. 155	0.03	99. 49	P tan 5a
C06#	302. 01	4. 173	301. 92	4. 145	0.03	99. 34	Р
C07#	301.97	4. 181	301.85	4. 152	0.04	99. 30	P
C08#	302. 04	4. 174	301. 92	4. 152	0.04	99. 48	Р
C09#	301. 97	4. 178	301.82	4. 155	0.05	99. 46	P
C10#	302. 01	4. 176	301.89	4. 150	0.04	99. 37	P

Other supplements: Test result "P" decides that the test item passes.



Page 8 / 15 Pages

38.3.4	Procedure/测	试步骤					ian Su—		
386	Test 3: Vibra	tion/测试 3: 拔	动文湖	7ian 5"	- ×40	7 tan Su	3		
	distorting the be a sinusoid Hz traversed each of three 将电芯和电池加至 200Hz,	Cells and batteries are firmly secured to the platform of the vibration machine without distorting the cells in such a manner as to faithfully transmit the vibration, The vibration shall be a sinusoidal wave form with a logarithmic sweep between 7 Hz and 200 Hz and back to 7 Hz traversed in 15 minutes, This cycle shall be repeated 12 times for a total of 3 hours for each of three mutually perpendicular mounting position of the cell. 将电芯和电池牢固地安装在振动台的台面上,然后开始振动。振动以正弦波形式,以 7Hz 增加至 200Hz,然后再减少回到 7Hz 为一个循环,一个循环持续 15 分钟的对数扫频。每个电芯和电池从三个互相垂直的方向上循环 12 次,3 个小时。							
38.3.4.3	Requirement		71015	C, O 1 71 71 0	美 物	7100 - "	Р		
			oss limit: ≤0.1%	样品质量损	失≤0.1%		63		
	2.Open circui applicable	it voltage not le to test cells and	ss than 90%, Ti d batteries at fu	ne requirement Il discharged sta	relating to voltag	长潮	天開 Tian Si 天開		
	22.741	QC .		no rupture and r 、无破裂以及无	no fire. 着火现象的发生。	天) ^漢 。 7:an Su 天資	7ian 5a		
	测试结果	71an 5n		- K VIII 		7ian 5) ** >#		
Sample	(0.55)	re test 试前	t After T 测试		Mass loss	Residual OCV	Test		
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(%)	剩余电压(%)	result 测试结果		
C01#	301. 96	4. 154	301.90	4. 152	0.02	99. 95	Pian P		
		0	23.5		900		D		
C02#	301. 94	4. 150	301.88	4. 148	0.02	99. 95	Р		
C02#	301. 94	4. 150 4. 153	301.88	4. 148 4. 151	0. 02	99. 95 99. 96	P P		
	<u> </u>		7,215		12 1/11		84		
C03#	301.90	4. 153	301.87	4. 151	0.01	99. 96	P		
C03#	301. 90 301. 87	4. 153 4. 159	301. 87 301. 84	4. 151 4. 158	0. 01	99. 96	P P		
C03# C04# C05#	301. 90 301. 87 301. 97	4. 153 4. 159 4. 155	301. 87 301. 84 301. 94	4. 151 4. 158 4. 154	0. 01 0. 01 0. 01	99. 96 99. 98 99. 98	P P		
C03# C04# C05# C06#	301. 90 301. 87 301. 97 301. 92	4. 153 4. 159 4. 155 4. 145	301. 87 301. 84 301. 94 301. 92	4. 151 4. 158 4. 154 4. 144	0. 01 0. 01 0. 01 0. 00	99. 96 99. 98 99. 98 99. 97	P P P P		
C03# C04# C05# C06# C07#	301. 90 301. 87 301. 97 301. 92 301. 85	4. 153 4. 159 4. 155 4. 145 4. 152	301. 87 301. 84 301. 94 301. 92 301. 79	4. 151 4. 158 4. 154 4. 144 4. 151	0. 01 0. 01 0. 01 0. 00 0. 02	99. 96 99. 98 99. 98 99. 97 99. 98	P P P		

Other supplements: Test result "P" decides that the test item passes.



Page 9 / 15 Pages

38.3.4	Procedure/	11试步骤					ian Su—		
380	Test 4: Shock/测试 4: 冲击								
Test cells and batteries shall be secured to the testing machine, and each shall be subjected to a half-sine shock of peak acceleration of 150gn (or Acceleration(gn)= √ (muss) , which is smaller) and pulse duration of 6 milliseconds, large cells and large batteries shall be subjected to a half-sine of peak acceleration of 50gn (or Acceleration(gn)= √ (muss) , which is smaller) and pulse duration of 11 milliseconds. Each cell or battery shall be subjected to three shocks in the positive direction followed by three shocks in the negative direction of three mutually perpendicular mounting positions of the cell or battery for a total of 18 shocks. 以稳固的托架固定住每个电芯和电池样品的全部配件表面。对每个电芯或电池以峰值为 150gn(或与√(muss) 中的较小值)的半正弦的加速度撞击,脉冲持续 6 毫秒,大型电池和大型电池组									
38.3.4.4	须经受最大加 每个电池或电	ɪ速度 50g n(或-	与√ ^{∞∞∞})中的较 互相垂直的电池	小值)和脉冲持	续时间 11 毫秒的	半正弦波冲击。接着在反方向经	Р		
	Requirement/标准要求: 1.Cells and batteries Mass loss limit: ≤0.1% 样品质量损失≤0.1% 2.Open circuit voltage not less than 90%, The requirement relating to voltage is not applicable to test cells and batteries at full discharged states. 样品试验后开路电压应不低于试验前开路电压的 90%,此要求不适用于完全放完电的电池								
			•	no rupture and r 、无破裂以及无	no fire. 着火现象的发生。	· · · · · · · · · · · · · · · · · · ·	© 4		
	Result/测试组	Result/测试结果							
Sample No.		re test 试前	After Test 测试后 Mass loss Resid		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)	质量损失(%)	剩余电压(%)	测试结身		
C01#	301. 90	4. 152	301.87	4. 150	0. 01	99. 95	Р		
C02#	301. 88	4. 148	301.85	4. 147	0.01	99. 97	Р		
				100	552				
C03#	301. 87	4. 151	301.81	4. 151	0. 02	100.00	Р		
C03#	301. 87 301. 84	4. 151 4. 158	301. 81 301. 78	4. 151 4. 158	0. 02	100. 00	P P		
-	- A.J. 5**		E VIII		70	, > "			
C04#	301. 84	4. 158	301. 78	4. 158	0.02	100.00	Pian		
C04# C05#	301. 84 301. 94	4. 158 4. 154	301. 78 301. 88	4. 158 4. 154	0. 02 0. 02	100. 00 99. 99	P _i		

Other supplements: Test result "P" decides that the test item passes.

4. 153

4.150

301.76

301.83

4. 153

4. 149

0.01

0.00

99.99

99. 98

P

Р

其他补充:测试结果"P"代表判定该测试项目通过。

301.79

301.83

C09#

C10#



Page 10 / 15 Pages

38.3.4	Procedure/测试步骤	Flan Su-			
Sea S	Test 5: External short circuit/测试 5: 外部短路				
天 湖 7:an St 7:an St	The cell or battery to be tested shall be temperature stabilized so that its external case temperature reaches 57° $^{\circ}$				
	Requirement/标准要求: 1.Cells and batteries meet this requirement if their external temperature does not exceed 170℃; 电芯或电池的外壳温度应不超过 170℃; 2. No disassembly, no rupture and no fire during the test and within six hours after this test. 试验后 6 小时内无解体、无破裂、无起火。	天衛			
	Result 测试结果 "如 Tunning" Tunning Tunni	Tian 5"			
Sample No.	Max External Temp	Test result			
样品编号	样品表面最高温度(℃)	测试结身			
样品编号 C01#	样品表面最高温度(℃)	测试结身			
- 40	7,000				
C01#	71au Su 117. 8 71au Su	Р			
C01#	7 in 5 a 117. 8 F in 5 a 110. 9	P P			
C01# C02# C03#	117. 8 110. 9 110. 1	P. P.			
C01# C02# C03# C04#	117. 8 110. 9 100. 5 1 100. 5 1 114. 6	Par P			
C01# C02# C03# C04# C05#	110. 9 110. 1	Part P P Su P			
C01# C02# C03# C04# C05# C06#	117. 8 110. 9 110. 1 114. 6 115. 5 118. 1 118. 1 118. 1 118. 1	P P P P			
C01# C02# C03# C04# C05# C06# C07#	117. 8 110. 9 105. 1 114. 6 115. 5 108. 1 116. 5 116. 5	P P P P			

Page 11 / 15 Pages

38.3.4	Procedure/测试步骤	ian Su—
天湖 Tian Su	Test 6: Crush\Impact/ 测试 6: 挤压(适用) 撞击(不适用)	
	Crush Film Su	4. 潮
	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.	7ias)
	(a) The applied force reaches 13kN±0.78kN;	tan Su
	(b) The voltage of the cell drops by at least 100 mV;	
	(c) The cell is deformed by 50% or more of its original thickness.	S
	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.	2 1
	电池芯或组成电池芯在两个平面间挤压。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:	Tian
	(a)作用力达到 13kN±0.78kN;	- XA
	(b)电池芯电压降至少达到 100mV;	Tian Su
	(c)电池厚度和最初比较变形至少 50%。	1.56
	一旦达到最大压力,电压降超过 100 mV 或者电池芯变形超过 50%,压力应该解除。	
	Impact 大湖 大湖 7ian Sta 天湖 天湖 天湖 天湖 天湖 大湖 大湖 大湖 大湖 大湖	u u
6.46	(applicable to cylindrical cells not less than 18mm in diameter)	Tian
88.3.4.6	The sample cell or component cell is to be placed on a flat smooth surface. A 15.8 mm \pm 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 \pm 0.1 kg mass is to be dropped from a height of 61cm \pm 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.	P 天湖 7iau Su A
	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 only a single impact.	F. Tian
	Cells and component cells meet this requirement if their external temperature does not exceed 170°C and there is no disassembly and no fire during the test and within six hours after this test.	天湖 Tian Su
	(适用于直径不小于 18 毫米的圆柱形电池)将电池或元件电池样品平放在一个平面上,其纵轴平行于测试台面年,将一直径为 15.8 mm ± 0.1 mm 的 316 型不锈钢棒横放在电池中心位置。然后,将一质量为 9.1 kg ± 0.1 kg 的物体从 61cm ± 2.5 cm 的高度落向样品。样品在进行试验时,其外表温度应不超过 170℃。且试验结束后 6 个小时之内,样品应无解体、无起火现象发生。	月 54 天7
	Requirement/标准要求:	1.6
	1.Cells and component cells meet this requirement if their external temperature does not exceed 170℃;	天湖。
	电芯的外壳温度应不超过 170℃; 2. No disassembly, no fire during the test and within six hours after this test.	Tian Su
	过验后 6 小时内无解体、无起火。	



Page 12 / 15 Pages

o Tia	Result 测试结果	天湖 天湖 Tian Su 天湖	K WIN Tian Su
Sample No. 样品编号	OCV prior to test 试验前电压(V)	Max External Temp 样品表面最高温度(℃)	Test result 测试结果
C11#	3. 799	24. 7 S	P M
C12#	3.825 Tim 5"	天 M 23.1 天 M	P
C13#	3.807 Jan 5	24. 0	Р
C14#	3. 789	23. 6	7 iau Su P
C15#	7 can 5 u 3. 803	23. 7	Р
C16#	3.827	23. 4	54 P
C17#	3.822 * TA	23. 8	P MA
C18#	3.803	23.2	Р
C19#	3.804	23. 6	Р
C20#	3.806	7 23. 3 £ M	Р

Other supplements: Test result "P" decides that the test item passes.



Page 13 / 15 Pages

38.3.4	Procedure/测试步骤	ian Su—
×40	Test 7: Overcharge/测试 7: 过度充电	
7 Jun 54 7 Jun 54 38.3.4.7	When the manufacturer's recommended charge voltage is not more than 18V, the minimum voltage of the test shall be the lesser of two times the maximum charge voltage of the or 22V, whichever is less. When the manufacturer's recommended charge voltage is more than 18V, the charging voltage of the test shall be 1.2 times maximum charge voltage. The charging current is 2 times of the maximum charging current recommended by the manufacturer. 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。如果厂家推荐的充电电压超过 18V,充电电压应该为 1.2 倍的厂家标定最大充电电压。充电电流为厂家推荐的最大充电电流 2 倍。	N/A 不适用
	Requirements/标准要求: No disassembly and no fire during the test and within seven days after the test. 试验样品在试验中和试验后 7 天内,应无解体和无起火现象发生。	F. V
	Result 测试结果 Sa	Jian Su

其他补充:测试结果"N/A"代表不适用。



Page 14 / 15 Pages

38.3.4 71 71 71 71 71 71 71 71 71 71 71 71 71	Procedure/测试步骤 Test 8: Forced discharge/测	试 8: 强制放电	7 (ar. 5"	K VAA 7 can 54	i i i an -
	Each cell shall be forced discharged at ambient temperature by connecting it in series with a 12V D.C power supply at an initial current equal to the maximum discharge current specified the manufacturer The specified discharge current is to be obtained by connecting a resistive load of the appropriate size and rating in series with the test cell, Each cell shall be forced discharged for a time interval(in hours) equal to its rated capacity divided by the initial test current(in ampere). 在 20℃±5℃的环境温度下,将单个电芯连接在 12V 的直流电源上进行强制放电,此直流电源提供每个电芯初始电流为制造厂指定的最大放电电流,放电时间为额定容量除以初始电流。 Requirements/标准要求: No disassembly and no fire during the test and within seven days after the test. 试验样品在试验中和试验后 7 天内,应无解体和无起火现象发生。				
	Sample No. 样品编号	OCV prior to test 试验前电压(V)	Test result 测试结果	Sample No. 样品编号	OCV prior to test 试验前电压(V)
C21#	3.093	Р	C31#	3. 115	Р
C22#	3. 043	7ian 5 ^a P	C32#	3. 050 × M	P
C23#	3. 044	o P Tian	C33#	3. 112	Р
	(A) - 3"		2 33	2 105	7ian Su
C24#	3. 058	Р	C34#	3. 105	Р
	3. 058 3. 131	P P	C34# C35#	3. 105	P
C24#	F M1	# FF	7.an -	7 m 5°	
C24# C25#	3. 131	P _M , S ^a	C35#	3. 104	Р
C24# C25# C26#	3. 131 3. 049	P P	C35#	3. 104 3. 115	P P
C24# C25# C26# C27#	3. 131 3. 049 3. 076	P P	C35# C36# C37#	3. 104 3. 115 3. 080	P P

Page 15 / 15 Pages

STATEMENTS

声明

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- 6. The test report is valid for the tested samples only. 本报告仅与送检样品有关。

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