



Page 1 / 15 Pages

检测报告 **UN38.3**

Name	of sample:			Polymer li-ion battery		
	产品名称:	34A	天開 7ian Sa	聚合物锂离子电池	天训 7ian Su	美渊
	Client:					
	委托单位:					
Clas	ssification:	Tian Su	天淵	Commission Test	天 州 Tian Su	7100
	检测类别:	之關 Tian Su	- Time-	委托测试	ill.	天瀬 Tian Si

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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Rep. No.:TCT	TJ20241206510ZB-BR17
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Page 2 / 15 Pages

Rep. No 101132024120031020-0K17	Page 27 15	ayes
Name of samples: Polymer li-ion battery	Trade mark: -	
样品名称: 聚合物锂离子电池	商标: -	
1160	S. 100	
Type/Model	shape: Primatic	
型号规格: 602040 400mAh	样品形状: 棱形	₍₄₁₁ S11
Appearance color: Silver	Sample size	
样品颜色: 银白色	样品尺寸: T(5.92mm)*W(20.20mm)*L(42.53mm)	
Rated info.	Cell quantity	
额定信息: 400mAh/1.48Wh/3.7V	组成电芯数量: 1PCS	
Quantity of sample: 30cells+18batteries	Cell mode	
样品数量: 30 个电芯+18 个电池	电芯型号: 602040 400mAh	
Limited charge voltage	Cut-off voltage	
充电限制电压: 4.2V	放电截止电压: 3.0V	1480
Standard charge current	Max continuous charge current	
标准充电电流: 200mA	最大持续充电电流: 400mA	
Standard discharge current	Max continuous discharge current	
标准放电电流: 200mA	最大持续放电电流: 400mA	
Receiving date	Sample identification	
接样日期: 2024 年 11月 25日	样品标识序号: 1#~48#	- 10
Completing date	Test item: 8 items	
完成日期: 2024 年 12月 9 日	测试项目: 8 项	6.4877
Test conclusion:	Time St.	a a
4A 2ml 44 2A .		

检测结论:

The Polymer li-ion battery submitted by

are tested according to Section

38.3 of the Sixth Revised Edition Amendment 1 of the Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria (ST/SG/AC.10/11/Rev.6/Amend.1/Section38.3). The test results comply with the relevant requirements of the standard.

Date of issue:

签发日期: 2024年12月

Approved by

批准:

专业

Reviewed by

审核



Page 3 / 15 Pages

Description and illustration of the sample:

样品说明及描述:

The sample's status is good.

样品状况良好。

II be around to			
Test item	Sample No.	State	Remark
测试项目	样品编号	状态 状态	备注
T.1~T.5	1#~5#	at first cycle in fully charged states; 在第一个循环完全充电;	Battery
1.141.5 Vi	6#~10#	after 25 cycles ending in fully charged states; 在第二十五个循环完全充电;	电池
	11#~15#	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
T.6	16#~20#	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;	电电
T.7	21#~24#	at first cycle in fully charged states; 在第一个循环完全充电;	Battery
美淵 7005	25#~28#	after 25 cycles ending in fully charged states; 在第二十五个循环完全充电;	电池
T.8	29#~38#	at first cycle in fully discharged states; 在第一个循环完全放电;	Cell
F. Will Tim Su	39#~48#	after 25 cycles ending in fully discharged states; 在第二十五个循环完全放电;	电芯

_		4.5	c		WAR.
	10ccrii	ntinn	of the	eamnling	procedure:
\boldsymbol{L}			OI LIIC	Sampling	procedure.

取样程序的说明:

/

Description of the deviation from the standard, if any:

测试结果不符合标准项的说明:

1

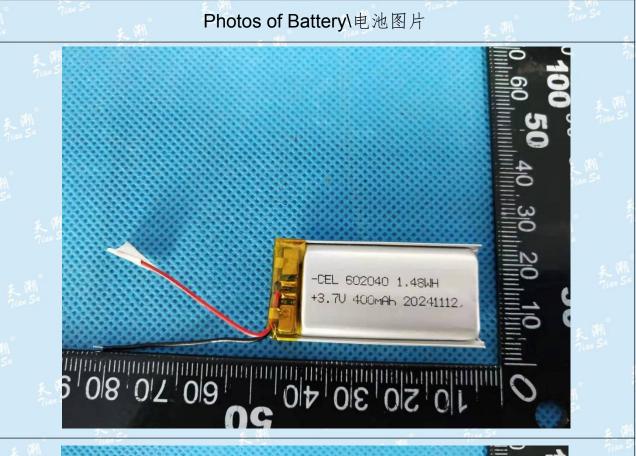
Remarks:

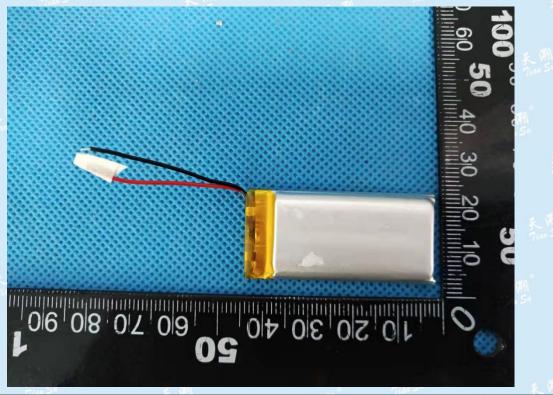
备注:

The Polymer li-ion battery submitted by are single cell batteries.

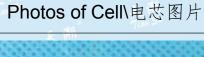


Page 4 / 15 Pages

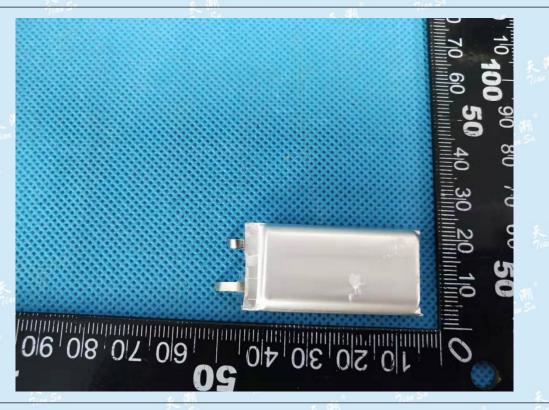




Page 5 / 15 Pages







Page 6 / 15 Pages

38.3.4	Procedure/测记	式步骤		天體	TIAN 2"	284	71an Si—
s da	Test 1: Altitud	de simulation/	测试 1: 高度模	拟	z W	7 ian Su	
	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。						
38.3.4.1	Requirement/标准要求: 1.Cells and batteries Mass loss limit: ≤0.2% . 样品质量损失≤0.2%。 2.Open circuit voltage not less than 90%. The requirement relating to voltage is not						
	 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芯。 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。 						
¥A.	Result 测试结果	714-5" ************************************	7 ian	m Su z 網	天湖 Tim 5	Alm 2	天開
Sample No.	Before 测记		201	· Test fun Sin 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
1#	9.161	4.144	9.156	4.143	0.05	99.98	Р
2#	9.148	4.150	9.146	4.147	0.02	99.93	Р
3#	9.157	4.149	9.156	4.147	0.01	99.95	Р
4#	9.160	4.147	9.159	4.145	0.01	99.95	Р
5#	9.149	4.146	9.148	4.143	0.01	99.93	P P
6#	9.162	4.147	9.161	4.143	0.01	99.90	Р
7#	9.158	4.148	9.157	4.146	0.01	99.95	Р
8#	9.158	4.148	9.157	4.145	0.01	99.93	Р
9#	9.153	4.151	9.152	4.149	0.01	99.95	Р
10#	9.154	4.150	9.153	4.147	0.01	99.93	Р

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

Page 7 / 15 Pages

		1.54	Control Control						
38.3.4	Procedure/测	试步骤		天雕	71an S	34	7 can SI_		
5°	Test 2: Therr	mal test/测试 2	: 温度测试	760		Tian 54	3		
天明 TienSu 天湖 TienSu	Test cells and batteries are to be stored for at least six hours at a test temperature equal to 72±2°C, followed by storage for at least six hours at a test temperature equal to -40±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±5°C).								
M .5*	将电芯和电池在温度为 72±2℃的条件下贮存不少于 6 个小时,然后,在温度-40±2℃条件下贮存不少于 6 个小时,两个温度间的间隔最长为 30min,重复操作上述步骤直到 10 次,然后,将其在环境温度为 20±5℃的条件下放置 24 个小时。								
38.3.4.2	Requirement/标准要求: 1.Cells and batteries Mass loss limit: ≤0.2% . 样品质量损失≤0.2%.						Р		
	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								
	3.No leakage	和电芯。 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。							
	Result 测试结果	天瀬 7ian Su			9ian 5± ≸	天 Tian	相 5#		
Sample No.		re test 式前	MIAN DW	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		
5 1#	9.156	4.143	9.155	4.123	0.01	99.52	Р		
2#	9.146	4.147	9.145	4.121	0.01	99.37	ΗР		
3#	9.156	4.147	9.155	4.120	0.01	99.35	Р		

4# 9.159 4.145 9.158 4.120 0.01 99.40 Ρ 5# 9.148 4.143 9.147 4.119 0.01 99.42 Ρ Ρ 6# 9.161 4.143 9.160 4.121 0.01 99.47 99.13 9.157 9.156 4.110 0.01 Ρ 7# 4.146 0.02 Ρ 8# 9.157 4.145 9.155 4.121 99.42 Р 9# 9.152 9.151 4.126 0.01 99.45 4.149 10# 9.153 4.147 9.152 0.01 99.35 4.120

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

Page 8 / 15 Pages

38.3.4	Procedure/测	试步骤		天雕	(Aller	. 186	7144 SIL	
54	Test 3: Vibra	tion/测试 3:振	动义员	7(4) = -	. 24	7ian Si	系	
大雅	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.							
7645								
)相 (S ^a	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	/标准要求:	Tien 5"		A VIII Tian Su	天员	Р	
	 1.Cells and batteries Mass loss limit: ≤0.2%. 样品质量损失≤0.2%. 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. 							
天洲 7iau Su								
湘	和电芯。				要求不适用于完全	全放完电的电池	夫職 Transi	
天 淵	-	, no venting, no)应无漏液、无	* 101	·	no fire. 着火现象的发生。	gian Su • E i	A	
	Result 测试结果	Tied Su	e Wi	天湖 712858	Į.	VIA VIA SH	54 長衛	
Sample No.		re test 试前		r Test 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	
1#	9.155	4.123	9.154	4.120	0.01	99.93	Р	
2#	9.145	4.121	9.144	4.116	0.01	99.88	m S P	
3#	9.155	4.120	9.154	4.112	0.01	99.81	P. W	
· 190			71.00 SH		UTIL			

7# 9.156 4.110 9.155 4.104 0.01 99.85 Ρ 4.114 0.01 Ρ 9.155 4.121 9.154 99.83 8# 0.01 9# 9.151 4.126 9.150 4.121 99.88 Ρ 10# 0.02 9.152 4.120 9.150 4.112 99.81 Ρ

4.113

4.117

4.105

0.02

0.01

0.02

99.83

99.95

99.61

Ρ

Ρ

Ρ

9.156

9.146

9.158

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

4.120

4.119

4.121

其他补充:测试结果"P"代表判定该测试项目通过。

9.158

9.147

9.160

4#

5#

6#

Page 9 / 15 Pages

ŝ	38.3.4	Procedure/测	试步骤	1	天雕	Mian 5°	349	7100 5 L		
2	Se see	Test 4: Shoc	k/测试 4: 冲击	天雕	7(40-	. 249	Tian Su	天		
	天 Min Tian S ^a Tian S ^a	to a half-sine smaller) and psubjected to a	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)= $\sqrt{\frac{100850}{macs}}$, 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)= $\sqrt{\frac{30000}{macs}}$, which is smaller) and pulse duration of 11 milliseconds. Each cell or battery shall be subjected to							
	4		hree shocks in the positive direction followed by three shocks in the negative direction of hree mutually perpendicular mounting positions of the cell or battery for a total of 18 shocks.							
	雞		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							
ia	38.3.4.4	(或与\(\frac{10089}{mass}\) 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须经受最大加速度 50gn (或与\(\frac{30000}{mass}\) 中的较小值)和脉冲持续时间 11 毫秒的半正弦波冲击。每个电池或电池组须在三个互相垂直的电池安装方位的正方向经受三次冲击,接着在反方向经受三次冲击,总共经受 18 次冲击。								
	支網	Requirement/		MI SH	*	Vita Ca	NA.	7 ian Su		
	Time Sil		atteries Mass Io	ss limit: ≤0.2%	粉					
_)机 S4	2.Open circuir applicable t 样品试验后	样品质量损失≤0.2%. 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							
	天淵 Tian Si	_	, no venting, no)应无漏液、无	-		no fire. 着火现象的发生。	天V Tian	A 5=		
	188	Result/测试组	果	天 潮		MA 70	u 5#	夫 Viii 7114 54		
	Sample No.		re test 式前		r Test 试后	Mass loss	Residual OCV	Test result		
1	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		
i.	1#	9.154	4.120	9.152	4.118	0.02	99.95	Р		
	2# 744	9.144	4.116	9.141	4.113	0.03	99.93	P		
	3#	9.154	4.112	9.153	4.108	0.01	99.90	P. W		
	4#	9.156	4.113	9.155	4.102	0.01	99.73	P		
	5#	9.146	4.117	9.145	4.107	0.01	99.76	Р		
5	6#	9.158	4.105	9.157	4.101	0.01	99.90	7 a P		
	7#	9.155	4.104	9.154	4.101	0.01	99.93	Р		
	8#	9.154	4.114	9.153	4.108	0.01	99.85	Р		
	9#	9.150	4.121	9.148	4.117	0.02	99.90	Р		
J										

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

4.112

9.148

4.108

0.02

99.90

Р

其他补充:测试结果"P"代表判定该测试项目通过。

9.150

10#

Page 10 / 15 Pages

	Procedure/测试步骤	100 =
	Test 5: External short circuit/测试 5: 外部短路	
7100 S	The cell or battery to be tested shall be temperature stabilized so that its external case temperature reaches 57 ± 4 $^{\circ}$ and then the cell or battery shall be subjected to a short circuit condition with a total external resistance of less than 0.1 ohm at 57 ± 4 $^{\circ}$ C, This short circuit condition is continued for at least one hour after the cell or battery external case temperature has returned to 57 ± 4 $^{\circ}$ C, the cell or battery must be observed for a further six hour for the test to be concluded. 保持试验环境温度稳定在 57 ± 4 $^{\circ}$ C, 以使电芯或电池样品外表温度达到 57 ± 4 $^{\circ}$ C, 然后,在此温度下,将其正负极用小于 0.1 欧姆的线路短接,待电芯或电池的外表温度恢复到 57 ± 4 $^{\circ}$ C之后再持续 1 小时以上,对电芯或电池必须进一步观察 6 个小时才能下结论。	天衛70015
	Requirement/标准要求:	1 4
	 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) Tian S
A S	Result 测试结果	7 ian Su
Sample	1. S_ , ≤ M	Test
No. 样品编号	Max External Temp 样品表面最高温度(℃)	result 测试结果
No.	天 VIII was T(an - T)	result
No. 样品编号	样品表面最高温度(℃)	result 测试结果
No. 样品编号 1#	样品表面最高温度(℃) 53.4	result 测试结果 P
No. 样品编号 1# 2#	样品表面最高温度(℃) 53.4 54.5	result 测试结果 P P
No. 样品编号 1# 2# 3#	样品表面最高温度(℃) 53.4 54.5 54.3	result 测试结果 P P
No. 样品编号 1# 2# 3# 4#	样品表面最高温度(℃) 53.4 54.5 54.3 54.3	result 测试结果 P P P
No. 样品编号 1# 2# 3# 4# 5#	样品表面最高温度(℃) 53.4 54.5 54.3 54.3 55.7	result 测试结果 P P P
No. 样品编号 1# 2# 3# 4# 5# 6#	样品表面最高温度(℃) 53.4 54.5 54.3 54.3 53.7 53.3	P P P P P
No. 样品编号 1# 2# 3# 4# 5# 6# 7#	样品表面最高温度(℃) 53.4 54.5 54.3 54.3 53.7 53.3 55.0	result 测试结果 P P P P

Rep. No.:TC	TTJ202412065	10ZB-BR17
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Page 11 / 15 Pages

38.3.4	Procedure/测试步骤	71an 51
大雅 Tien So	Test 6: Crush\Impact/ 测试 6: 挤压(适用) 撞击(不适用)	·
天 洲	Crush 挤压	天湖 Tunt Su
WAS .	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.	美潮
van ₁S≈	(a) The applied force reaches 13kN±0.78kN;	
- 18A	(b) The voltage of the cell drops by at least 100 mV;	
7100 5	(c) The cell is deformed by 50% or more of its original thickness.	
28	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.	美瀾 7ian Su
710151	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:	1150
	(a)作用力达到 13kN±0.78kN;	yla .
18A	(b)电池芯电压降至少达到 100mV;	Tian 54
5	(c)电池厚度和最初比较变形至少 50%。	
€ ₩	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。	0
7/at 5	Impact Time See Time See	fi) 51
	撞击 //	. 4
38.3.4.6	(applicable to cylindrical cells not less than 18mm in diameter)	P7 can S
30.3.4.0	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	- 3A
VA.	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 61 \pm 2.5 cm at the intersection of the bar	Tian Su
an Se	and sample in a controlled manner using a near frictionless, vertical sliding track or channel	
2 V	with minimal drag on the falling mass. The vertical track or channel used to guide the falling	e/1
7100	mass shall be oriented 90 degrees from the horizontal supporting surface.	54
	The test sample is to be impacted with its longitudinal axis parallel to the flat surface and	
天瀬	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.	7145
· Wh	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.	天瀬
ian 5"	(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	
1	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。	MA T
Tien.	然后,将一质量为 9.1 kg ± 0.1 kg 的物体从 61±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。	, S.
天湖	Requirements/标准要求:	7100
7/ax 5"	1.Cells and component cells meet this requirement if their external temperature does not	
	exceed 170℃; 电芯的外壳温度应不超过 170℃;	s Wh
長淵	名の別が先週及歴本機型 170 C; 2. No disassembly, no fire during the test and within six hours after this test.	Tien Su
714 S#	试验后 6 小时内无解体、无起火。	

Page 12 / 15 Pages

7 is	Result 测试结果	天瀬 7(ca 5) 天瀬	7 lan 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
11#	3.843	21.2 KM	P, M
12#	3.826	21.1	P
13#	3.816	21.0	P
14#	3.828	21.2	7 can St.
15#	3.836	21.1	Р
16#	3.839	21.1	P P
17#	3.842	21.2 Tan 54	P
18#	3.837	21.0	Р
19#	3.820	21.1	K P
20#	3.823	71.1 \$ Wh	Р

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

Page 13 / 15 Pages

	The state of the s	<u> </u>	720		
	Test 7: Overcharge/测试 7	: 过度充电	Tion Su		
	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				
	1 S 8	of the maximum charging current reco	mmended by the		
	manufacturer.	天懈	Z VA	Р	
8.3.4.7	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。				
	E VIII	。	. 2 日 。		
	Requirements/标准要求:		Tian - "		
	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。	天湖		
	Result	.511 美術	7:0	15%	
	测试结果	Tun St	K Wil Plan 5"		
7/48 2	测试结果	OCV prior to test	>, S.M.		
样品编号	测试结果	试验前电压(V)	测试	结果	
7/48 2	测试结果		测试		
样品编号	测试结果	试验前电压(V)	加测试 F	结果	
样品编号 21#	测试结果	试验前电压(V) 4.155	测试 F	结果	
样品编号 21# 22#	测试结果	试验前电压(V) 4.155 4.150	F F F F	结果 D	
样品编号 21# 22# 23#	测试结果	试验前电压 (V) 4.155 4.150 4.151	F A A A A A A A A A A A A A A A A A A A	结果 O	
样品编号 21# 22# 23# 24#	测试结果	试验前电压 (V) 4.155 4.150 4.151 4.153	F A A A A A A A A A A A A A A A A A A A	结果	
22# 23# 24# 25#	测试结果	试验前电压 (V) 4.155 4.150 4.151 4.153 4.154	F A A A A A A A A A A A A A A A A A A A	结果	
样品编号 21# 22# 23# 24# 25# 26#	测试结果	试验前电压 (V) 4.155 4.150 4.151 4.153 4.154 4.151	F A A A A A A A A A A A A A A A A A A A		

Page 14 / 15 Pages

38.3.4	Procedure/测试步骤	<u> </u>	天 (M)	人类	7(44 -
7/m 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Test 8: Forced discharge/测试 8: 强制放电 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。				
新 54	Result 测试结果		天湖 Tian Sii	Trac Sil	天 Mi Trait Su
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)	Test resul 测试结果
29#	3.406	P	39#	3.405	P
29#	3 3 5 5 H	P - 400 (11 (/ 2) 11			
30#	3.400	Р	40#	3.408	Р
* (F)	njus 5"	P P	40#	3.408	P P
30#	3.400	*	4	7 S a	
30#	3.400	P 764	41#	3.413	P
30# 31# 32#	3.400 3.413 3.410	P P	41#	3.413 3.415	7mp St
30# 31# 32# 33#	3.400 3.413 3.410 3.402	P P	41# 42# 43#	3.413 3.415 3.407	P P
30# 31# 32# 33# 34#	3.400 3.413 3.410 3.402 3.401	P P P	41# 42# 43# 44#	3.413 3.415 3.407 3.409	PAPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP
30# 31# 32# 33# 34# 35#	3.400 3.413 3.410 3.402 3.401 3.406	P P P	41# 42# 43# 44# 45#	3.413 3.415 3.407 3.409 3.410	P P P

Page 15 / 15 Pages

STATEMENTS

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