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01052000002635-1(E) No:

2020-06-18 Date:

Page:

UN38.3 报告 **UN38.3 Test Report**

样品名称: **Battery-Box Premium Module**

Sample Name: **Battery-Box Premium Module**

深圳比亚迪电子有限公司 委托单位:

Shenzhen BYD Electronics Co., **Applicant:**



0WTRETT1V1

广州海关技术中 GUANGZHOU CUSTOMS DISTRICT的设施的文字。CENTER

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检测证书 TEST REPORT

# 日本		TEST F	REPORT		
Model 委托单位 Applicant Shenzhen BYD Electronics Co., Ltd. 麥托单位地址 Applicant Address 生产单位 Manufacture 生产单位地址 Manufacture Address 桂高外观与性状 Appearance & Odor Test method and criterion 接特时间 Accepted date 测试项目 Test items 超減项目 Test items 自渡模拟、温度试验、振动、冲击、外部短路、挤压、强制放电。 Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, For Conclusion 高度模拟、温度试验、振动、冲击、外部短路、挤压、强制放电。 Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, For DANGEROUS GOODS", Manual ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 高達 Remark 和准 中核 中核 中核 上述 中核 上述 中核 上述 上述 上述 上述 上述 上述 上述 上述 上述 上		Battery-Box Premium Module	*CIHOO	GIJAN	18-
Shenzhen BYD Electronics Co., Ltd. 委托单位地址 Applicant Address 生产单位 Manufacture 生产单位地址 Manufacture Address 样品外观与性状 Appearance & Odor Test method and criterion Accepted date 测试项目 Test items 全持种间 Accepted date 测试项目 Test items 结论 Conclusion 结注 各注 格许 Conclusion Shenzhen BYD Electronics Co., Ltd. 深圳市大鹏新区葵涌街道葵涌社区延安路 1 号比亚迪 A-4#厂房 301 Room 301 of BYD A-4 Building, No.1 Yan'an Road, Kuichong Street, Dapeng New Distraction With metal shell 就方法和判定标准 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOOD Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 With metal shell With part of the part of	W. C. C.	LVS	Gay.	3 30	The Theory
Room 301 of BYD A-4 Building, No.1 Yan'an Road, Kuichong Street, Dapeng New District Schenzhen ### ### ### ### #### ###############			td.	CHROLOC	alot Krok.
Manufacture 生产单位地址 Manufacture Address Manufacture Address Manufacture Address FB 外观与性状 Appearance & Odor Mid 方法和判定标准 Test method and criterion Witten Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 White metal shell Web and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 White Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 Witten Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 White Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 Witting Test items ### ### ### ### ### ### #### ########		Room 301 of BYD A-4 Building			peng New Distri
Room 301 of BYD A-4 Building, No.1 Yan'an Road, Kuichong Street, Dapeng New Dish Shenzhen 白色金属外壳 White metal shell 联合国《关于危险货物运输的建议书 试验和标准手册》ST/SG/AC.10/11/Rev.6/Amend 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOOD Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 接样时间 Accepted date 测试项目 Test items 高度模拟、温度试验、振动、冲击、外部短路、挤压、强制放电。 Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, For discharge. 经测试、该样品符合联合国《关于危险货物运输的建议书 试验和标准手册 ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 标准要求。 The sample has passed the test items of UNITED NATIONS。TRACOPTION OF DANGEROUS GOODS。TRANSPORT OF DANGEROUS GOODS。TRANSPORT OF DANGEROUS GOODS。Manual Test and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3. 1.检测结果仅对样品有效。 The test results are only valid for the test samples submitted the **** **** **** *** *** *** *** *** **			td.	^{1HO} 1C ₁₂	CHANGLING
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Test method and criterion 28.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOOD Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 接样时间 2020-05-15 测试日期 2020-05-15~2020-06-18	样品外观与性状 Appearance & Odor			-cd CELM	CHAOLOG
Accepted date 测试项目 Test items 高度模拟、温度试验、振动、冲击、外部短路、挤压、强制放电。 Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, Fordischarge. 经测试,该样品符合联合国《关于危险货物运输的建议书 试验和标准手册 ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 标准要求。 The sample has passed the test items of UNITED NATIONS "Recommendations on TRANSPORT OF DANGEROUS GOODS", Manual ST/SG/AC.10/11/Rev.6/Amend.1, 38.3. 1.检测结果仅对样品有效。 The test results are only valid for the test samples submitted the 和的规划专用章 2.随附 UN38.3 试验概要(编号:01052000002635-2(E))。 Attached with UN38.3 test summary (No.:01052000002635-2(E)) 北准 审核 主检		38.3 UNITED NATIONS " Recommen	ndations on the TRAN	SPORT OF DANG	
Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, For discharge. 经测试,该样品符合联合国《关于危险货物运输的建议书 试验和标准手册 ST/SG/AC.10/11/Rev.6/Amend.1, 38.3 标准要求。 The sample has passed the test items of UNITED NATIONS "Recommendations on TRANSPORT OF DANGEROUS GOODS", Manual ST/SG/AC.10/11/Rev.6/Amend.1, 38.3. 1.检测结果仅对样品有效。 The test results are only valid for the test samples submitted the applications of The test results are only valid for the test samples submitted the applications of Crit ST/SG/AC.10/11/Rev.6/Amend.1, 38.3. 1.检测结果仅对样品有效。 The test results are only valid for the test samples submitted the applications of Crit ST/SG/AC.10/11/Rev.6/Amend.1, 38.3.	CA ²	2020-05-15		2020-05-15~	2020-06-18
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番注 Remark The test results are only valid for the test samples submitted the a かい を用す 2. 随附 UN38.3 试验概要(編号: 01052000002635-2(E))。 Attached with UN38.3 test summary (No.:01052000002635-2(E)) 事核 主 を		ST/SG/AC.10/11/Rev.6/Amend.1, The sample has passed the test TRANSPORT OF DANGER	,38.3 标准要求。 t items of UNITED 1 ROUS GOODS",	NATIONS "Record	nendations on t
		The test results are only valid for t 2.随附 UN38.3 试验概要(编号:	: 01052000002635-2(H	E)). (05)	開章
	批准 Approver:	(ZA)	野和吃		伟奖

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电池组信息:

The batteries information:

	.0.2		
电池类型 Battery type	锂离子电池 Lithium ion batteries	标称电压 Nominal Voltage	51.2V
额定容量 Rated Capacity	78.2Ah	总能量 Total Energy	4kWh
充电限制电压 Limited Charge Voltage	57.6V	标准充电电流 Standard Charge Current	16A
最大充电电流 Maximum Charge Current	65A	充电截止电流 Charge Cut-off Current	4A
标准放电电流 Standard discharge Current	16A	最大放电电流 Maximum Discharge Current	65A
放电截止电压 Discharge Cut-off Voltage	40V	尺寸 Overall Dimensions (W×D×H)	652mm×299mm×268mm
电芯数量 Cell Quantity	16 PCS	重量 Mass	45kg
电芯容量 Cell Capacity	80Ah	电芯型号 Cell Model	C17B
电芯生产单位 Manufacturer of cell		深圳比亚迪电子有限公Shenzhen BYD Electronics C	

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序号 No.	200	Stand requirement	或标准条款号 or the clause number o andard	M M M Test result	本项结论 Test conclusion	备注 Remark
1	高空模拟 Altitude simulation	联合国《关于危险 和标准手册》UN	货物运输的建议书 试 N Manual of Tests a AC.10/11/Rev.6/Amend	nd 光附衣 I	合格 Passed	1,00
2	温度循环 Thermal test	和标准手册》UN	货物运输的建议书 试 N Manual of Tests a AC.10/11/Rev.6/Amend T.2	nd	合格 Passed	(L) (S)
3	振动 Vibration	和标准手册》UN	货物运输的建议书 试 N Manual of Tests a AC.10/11/Rev.6/Amend C.3	nd NM 不 3	合格 Passed	THOUGH
4	冲击 Shock	和标准手册》UN	货物运输的建议书 试 N Manual of Tests a AC.10/11/Rev.6/Amend T.4	nd 光附衣 4	合格 Passed	ST ST STEEL
5	外部短路 External short circuit	和标准手册》UN	货物运输的建议书 试 N Manual of Tests a AC.10/11/Rev.6/Amend E.5	nd	合格 Passed	1515
6	挤压 Crush	和标准手册》UN				/
7	过度充电 Overcharge	和标准手册》UN	联合国《关于危险货物运输的建议书 试验和标准手册》UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1,			/
8	强制放电 Forced discharge	联合国《关于危险 和标准手册》UN Criteria ST/SG/A 38.3 试验 T.8 Test T	nd 光附衣 8	合格 Passed	N. C. L. C. L.	
Tes	测试环境 t environment condition		「境温度: 20℃-25℃; temperature: 20℃-25℃			
	CHAPTER STORY	测试项目 Test items	ERRICT	ONE DIE	Joisto	MCTHON
Sub	分包测试情况 contracted test condition	分包实验室 Subcontracted Laboratory	名称 Name 地址 Address	1 GIM	邮编 Post code 电话 Tel	/

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序号 No.		表 1 endix 1		试项目名称 Name of test	che,	高空模技 Altitude simu	
标准要求 Requirement of Standard	池组应无重量 在试验后的开 组除外)。 Test cells and l temperature 20 venting, no dis battery after to	损失、无渗漏、路电压不少于 \sharp batteries shall be 0 ± 5 °C. Cells and sassembly, no ruesting is not les	无排气、无触 其在进行这一记 stored at a pre batteries meet upture and no s than 90% or	解体、无破裂 式验前电压的 essure of 11.6k this requireme fire and if the f its voltage i	度 20±5℃下存放和无燃烧,并且90%(完全放电 Pa or less for at ent if there is no e open circuit vommediately prior and batteries at f	上每个试验电 比状态的试验 least six hou mass loss, no ltage of each or to this pro	池或电池组 电池或电池 rs at ambient p leakage, no n test cell or occdure. The
样品状态 Sample status	b1#~b2#: firs b3#~b4#: 第二	一个循环完全充 st cycle in fully c 二十五个循环完 er 25 cycles endi	harged states; 全充电的电池		ENWETHONCE	GUI	HEL SEHIELE
样品编号	测试前	Before	测试后	After	- 质量损失	剩余电压	测试结果
Sample No.	电池质量 m _I (Kg)	开路电压 v _I (v)	电池质量 m ₂ (Kg)	开路电压 v ₂ (v)	Mass loss (%)	Residual OCV (%)	Test result
b1#	44.90	53.2	44.90	53.2	0.00	100.00	O
b2#	45.05	53.2	45.05	53.2	0.00	100.00	0
b3#	45.20	53.1	45.20	53.1	0.00	100.00	0
b4#	45.15	53.1	45.15	53.1	0.00	100.00	О

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10				2	×0,	~	120
序号 No.		表 2 endix 2		试项目名称 ame of test	, MC	温度循环 Thermal t	
标准要求 Requirement of Standard	下存放至少 6h 电池或电池组 气、无解体、 行这一试验前 Test large cells 2°C, followed b time interval be times, after whi ±5°C). Cells a disassembly, no testing is not les	e 两个极端试在环境温度 20 无破裂和无燃料电压的 90% (and batteries are by storage for at tween test temp ch all test cells and batteries mee o rupture and no ss than 90% of i	验温度之间的量±5℃下存放 2. 尧,并且每个词完全放电状态的 e to be stored for least 6 hours at the card batteries and batteries are this requirement fire and if the cast of voltage immediates with the cast of the cast o	最大时间间隔4h。试验电池式验电池或电池或电池或电池或的 at least 6 ho a test tempera es is 30 minute e to be stored ent if there is ropen circuit voediately prior to	至少 6h,接着在为 30min。重复或电池组应无重池组应无重池组在试验后的电池组除外)。 urs at a test tempature equal to -40 es. This procedure for 24 hours at a no mass loss, no oltage of each test to this procedure at fully discharg	10次,再料重量损失、无 用开路电压不 Derature equal D±2℃. The re is to be rep mbient tempe leakage, no v t cell or batte . The require	将所有试验 少于其在进 I to 72± maximum eated 10 crature (20 renting, no cry after
样品状态 Sample status	b1#~b2#:第一 b1#~b2#:firs b3#~b4#:第二 b3#~b4#: afte	t cycle in fully o	charged states; 全充电的电池		Cluberto. CERTE		GET CENTER
17 17 14 17	测试前	Before	测试后	测试后 After		剩余电压	and a table to
样品编号 Sample No.	电池质量 m _I (Kg)	开路电压 v ₁ (v)	电池质量 m ₂ (Kg)	开路电压 V2(V)	质量损失 Mass loss (%)	Residual OCV (%)	测试结果 Test resul
b1#	44.90	53.2	44.90	52.8	0.00	99.25	0
b2#	45.05	53.2	45.05	52.8	0.00	99.25	0
b3#	45.20	53.1	45.20	52.7	0.00	99.25	> о
b4#	45.15	53.1	45.15	52.7	0.00	99.25	O

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序号 No.		表 3 ndix 3		试项目名称 ame of test	,5°	振动 Vibrati	on
标准要求 Requirement of Standard	将电池或电池约之间摆动再回到复进行 12 次,裂和无燃烧,并90%(完全放射Cells and batter cells in such a waveform with This cycle shall mounting positiface. Cells and disassembly, no testing is not lest to voltage is not	到 7Hz 的对数打一共振动 3h。 一共振动 3h。 主且每个试验电力 电状态的试验电力 ries are firmly somanner as to a logarithmic sy lons of the cell. (batteries meet or rupture and not so than 90% of i	日频 15min,对主试验电池或电池或电池组在记 池或电池组除 ecured to the p faithfully trans veep between 7 times for a to One of the direct this requirement of fire and if the	三个互相垂直 池组应无重量 式验后的开路 外)。 latform of the mit the vibra Hz and 200Hz tal of 3 hours ctions of vibra at if there is a e open circuitediately prior t	的电池或电流 损失、无渗流 电压不少于 e vibration mation. The vibe and back to a for each of the tion must be promised to this procedure.	地组安装方向的操、无排气、 操在进行这一的 achine without ration shall be 7Hz traversed three mutually perpendicular to no leakage, no ach test cell of ure. The require	的每个方向重 无解体、无破 式验前电压的 distorting the e a sinusoidal in 15 minutes. perpendicular o the terminal o venting, no r battery after
样品状态 Sample status	b3#~b4#: 第二	cycle in fully cl	harged states; 全充电的电池。		e e e	A. C. H. C. H. M.	NOE TOE
样品编号	测试前]	Before	测试后	After	质量损失	剩余电压	测试结果
Sample No.	电池质量 m _l (Kg)	开路电压 v ₁ (v)	电池质量 m ₂ (Kg)	开路电压 v ₂ (v)	Mass loss (%)	Residual OCV (%)	Test result
b1#	44.90	52.8	44.90	52.8	0.00	100.00	o 🐠
b2#	45.05	52.8	45.05	52.8	0.00	100.00	0
b3#	45.20	52.7	45.20	52.7	0.00	100.00	0
b4#	45.15	52.7	45.15	52.7	0.00	100.00	O Chillian

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Page:

序号 No.		表 4 endix 4		l试项目名称 Name of test	CIDS IN	冲击 Shock	en,
标准要求 Requirement of Standard	gn= √(100850 / 其正负极各冲 解体、无破裂和 验前电压的 90 Test cells and b support all mou shock of peak a milliseconds. E by three shocks or battery for a leakage, no ven cell or battery a	mass) 中較小表 击 3 次,共冲, 和无燃烧,并且 % (完全放电。 catteries shall be acceleration of 1 ach cell or batter in the negative total of 18 shooting, no disasse fter testing is no ating to voltage	者的正弦波冲击 击 18次。各试 每个试验电池 状态的试验电池 secured to the of each test batto 50gn or acceler ery shall be subj direction of thr eks. Cells and ba embly, no ruptur ot less than 90% is not applicable	后,脉冲持续时验电池或电池组在话题电池组在话题电池组除testing machirery. Each smalation (gn)=√(ected to three metually potteries meet the and no fire a for its voltage le to test cells	小型电池组, 时间 6ms,按三 也组应无重量损 式验后的开路电 外)。 ne by means of a ll batteries shall 100850 / mass) shocks in the po erpendicular mo- nis requirement is and if the open co- e immediately pr and batteries at the	个相互垂直的失、无渗漏、压不少于其在 rigid mount w be subjected to and pulse dur- sitive direction unting position f there is no m ircuit voltage of ior to this proc	轴向分别对 无排气、无 进行这一试 which will a half-sine ation of 6 in followed as of the cell ass loss, no of each test edure. The
样品状态 Sample status	b3#~b4#: 第二	t cycle in fully o 二十五个循环完			OET OFFICE	EP-	oet out
样品编号	测试前	Before	测试后	测试后 After		剩余电压	测试结果
Sample No.	电池质量 m _I (Kg)	开路电压 V ₁ (v)	电池质量 m ₂ (Kg)	开路电压 V ₂ (v)	— 质量损失 Mass loss (%)	Residual OCV (%)	Test result
b1#	44.90	52.8	44.90	52.8	0.00	100.00	o 🕬
b2#	45.05	52.8	45.05	52.8	0.00	100.00	0
b3#	45.20	52.7	45.20	52.7	0.00	100.00	0
60	-15	(2) -			. 0	70

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序号 No.	附表 5 Appendix 5	测试项目名称 Name of test	外部短路 External short circuit
标准要求 Requirement of Standard	小于 0.1Ω 的短路条件,当电池 再观察电池或电池组 6h 才结束 6h 内应无解体、无破裂和无燃烧 The cell or battery to be tested sha reaches 57±4℃ and then the cell external resistance of less than 0.1 least one hour after the cell or batt battery must be observed for a fur	all be temperature stabilized so that or battery shall be subjected to a stable ohm at 57±4°C. This short circuit tery external case temperature has ther six hours for the test to be consemperature does not exceed 170°C.	后继续至少 1h,然后短路断开, 应不超过 170℃,并且试验后 t its external case temperature hort circuit condition with a total condition is continued for at returned to 57±4℃. The cell or accluded. Cells and batteries meet
样品状态 Sample status	b1#~b2#: 第一个循环完全充电b1#~b2#: first cycle in fully chab3#~b4#: 第二十五个循环完全b3#~b4#: after 25 cycles ending	rged states;	THO, LEG CACEFULES
样品编号 Sample No.	样品表面最高温度 Max External Temperatur		
b1#	58.3	0	THE THE
b2#	56.2	THETHER STRICT O	ONE THE WILLIAM
b3#	56.5	One of the other	y Ketho / G
b4#	59.8	MOTOR O	

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。 Note: D-Disassembly, R-Rupture, F-Fire, O-No Disassembly, No Rupture & No Fire.

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序号 No.	附表 6 Appendix		z Ó	测试项目名 Name of te		挤压 Crush	CAL
CHILL	A	0/2	/纽扣电池	也和直径小于	18mm 的圆柱形电池	也):	
	VIII.				度逐渐加大,在第一		的速度大约
	为 1.5cm/s。挤压持						
	(a)施加的力量达到						
	(b)电池的电压下降	至少 100 毫	5伏;或				
	(c)电池变形量达原	始厚度的5	0%或以_	Ł。			
	棱柱形或袋装电池。	应从最宽的	一面施压	。纽扣/硬币	电池应从其平坦表面	i 施压。圆柱	形电池应从
	与纵轴垂直的方向	施压。每个	电池只做	一次挤压试	验。		
标准要求	试验电池或电池组	的组成电芯	外部温度	不超过 170℃	C,并且在试验过程	中和试验后	6 小时内应
Requirement	无解体、无破裂、	无起火。					
of Standard					lls and cylindrical ce		
					etween two flat surfac		
	continued until the fi				first point of contac	t. The crush	ing is to be
	(a) The applied force			is below is rec	ionou.		
	(b)The voltage of the				CHA!		
	(c)The cell is deform					4 100maV/ on .	
					ltage drops by at leas s, the pressure shall be		more, or the
					ne crush only. Cells a		nt cells mee
					exceed 170°C and the	ere is no disa	ssembly and
	no fire during the test C1#~C5#: 第一个行				(b)	Ġ	55
样品状态	C1#~C5#: 第二行 C1#~C5#: first cyc				rity of cell		
Sample status	C6#~C10#: 第二十		· ·	6,700			
CHIMO	C6#~C10#: after 2						
样品编号	样品表面最高温度	测试结果	备注	样品编号	样品表面最高温度	测试结果	备注
子 四 細 与 Sample No.	Max External	M K 结果 Test result	4.7		Max External	一 M L Stresult	TET Remark
Sample No.	Temperature(°C)	Test resurt	Johnan	Sample No.	Temperature($^{\circ}$ C)	Test Testite	Ttomark
C1#	22.5	o 🔗	/	C6#	21.4	O	1,4,00
THON THE	-JAZ		3		29	. 20	- 101)
C2#	22.3	₂ 0	100	C7#	20.9	О	5 ¹ /
		_	00	CAIL		-160	
C3#	22.4	0	/	C8#	21.0	O	/ 10
C4#	21.4	0	/	C9#	21.4	О	JASPL
C5#	21.3	0	To Me	C10#	21.9	0	/

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。

Note: D-Disassembly, R-Rupture, F-Fire, O-No Disassembly, No Rupture & No Fire.

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, ~		50	
序号 No.	附表 7 Appendix 7	测试项目名称 Name of test	过度充电 Overcharge
标准要求 Requirement of Standard	信或 22V 两者中的较少者。 (b)制造商建议的充电电压力可再充电电池组在环境温度下The charge current shall be twick current. The minimum voltage of (a) When the manufacturer's recovoltage of the test shall be the le 22V. (b) When the manufacturer's recovoltage of the test shall be 1.2 times are to be conducted at an end of the property of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are to be conducted at an end of the test shall be 1.2 times are the test shall b	大于 18V 时,试验的最小电压 大于 18V 时,试验的最小电压 试验 24h。试样在试验后 7 天 e the manufacturer's recommend f the test shall be as follows: commended charge voltage is not sser of two times the maximum of mes the maximum charge voltage mbient temperature. The duration	E应是电池组最大充电电压的两应是最大充电电压的 1.2 倍。 内应无解体和无燃烧。 ed maximum continuous charge more than 18V, the minimum charge voltage of the battery or re than 18V, the minimum
样品状态 Sample status	NETT WATERHOUT	GUA"	ed charles "High Cent
样品编号 Sample No.	测试结果 Test result	OCY CELTY CHAOLS	备注 Remark
/	All States	CHAOL STILL	
1.00	LOHNO / PRICT	未安装过,	 度充电保护装置、按设计要求只
	ARCT MEDIS	能用在另一 池组或设-	一个带过度充电保护装置的电 备中的电池组或单一电池电池
		Batteries	蕨足本项试验的要求。 or single cell batteries not vith battery overcharge protection
10151	1919	that are	designed for use only as a t in another battery or in
MCTHO!	en l	are not sul	, which affords such protection, bject to the requirements of this
1	(B) 1 (C)	test.	
T. D.	The state of the s	DETRIC STONES	"On Care NWETH
N 477 /1-	五十五 五日 二 五 五 知 八	T - L - I .	

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。 Note: D-Disassembly, R-Rupture, F-Fire, O-No Disassembly, No Rupture & No Fire.







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				A. W.	
序号 No.	附表 8 Appendix 8	STRICT	测试项目名》 Name of tes		强制放电 Forced discharge
标准要求 Requirement of Standard	定的最大放电电流的燃烧。 Each cell shall be for D.C. power supply a manufacturer. The spappropriate size and r interval (in hours) equ	reed discharg t an initial c ecified disch ating in serie ual to its rate	可放电。原电池或可能 ged at ambient temper current equal to the marge current is to be of es with the test cell. Each capacity divided by	再充电电池在试验后 rature by connecting naximum discharge obtained by connectina ach cell shall be force to the initial test curre	已始电流等于制造商组 f 7 天内应无解体和无 it in series with a 12V current specified by the ig a resistive load of the ed discharged for a time of the within seven days
样品状态 Sample status	C11#~C20#: 第一个 C11#~C20#: first cyc C21#~C30#: 第二十 C21#~C30#: after 25	le in fully di 五个循环完	scharged states; E全放电的电芯。	CHANGHOUG	C/NAMO CHILL
样品编号 Sample No.	测试结果 Test result	备注 Remark	样品编号 Sample No.	测试结果 Test result	备注 Remark
C11#	0	1	C21#	0	1
C12#	0	Charles I	C22#	Alechii O	K / Mega
C13#	0	/	C23#	0,15	109
C14#	О	A 100	C24#	0	wether /
C15#	О	Me Dir	C25#	0	1
C16#	(2) O (1)	/	C26#	0	
C17#	O	JAN .	C27#	0	Noch / Kick
C18#	O	/	C28#	0	120
C19#	0	/ \	C29#	0	THE DIE
C20#	O	J. 17	C30#	0 0	J5 / JK

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。

Note: D-Disassembly, R-Rupture, F-Fire, O-No Disassembly, No Rupture & No Fire.

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样品图片 Photo of the sample



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