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UN38.3 报告 **UN38.3 Test Report**

样品名称: 锂离子电池

Sample Name: Lithium-ion battery

委托单位: 湖北亿纬动力有限公司

Applicant: EVE POWER Co., Ltd.



JDX58S0JV3



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检测证书 **TEST REPORT**

	TEST REPORT
样品名称	锂离子电池
Sample Name	Lithium-ion battery
型号 Model	LF280K
委托单位	湖北亿纬动力有限公司
Applicant	EVE POWER Co., Ltd.
委托单位地址	荆门高新区・掇刀区荆南大道 68 号
Applicant Address	NO.68, Jingnan Avenue, Hi-tech Zone, Duodao District, Jingmen, Hubei
生产单位	江苏亿纬林洋储能技术有限公司
Manufacture	EVE-Linyang Energy Storage Technology Company Limited
生产单位地址	江苏省启东市经济开发区华石路 608 号
Manufacture Address	No. 608, Huashi Road, Qidong Economic Development Zone, Jiangsu Province
样品外观与性状 Appearance & Odor	蓝色方形外壳 Blue square shell
测试方法和判定标准 Test method and criterion	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.7, 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7, 38.3
接样时间	2023-02-10 测试日期
Accepted date	Test date 2023-02-10~2023-03-10
测试项目	高度模拟、温度试验、振动、冲击、外部短路、挤压、强制放电。
Test items	Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, Forced discharge.
结论 Conclusion	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.7, 38.3 标准要求。 The sample has passed the test items of UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Test and Criteria ST/SG/AC.10/11/Rev.7, 38.3.
备注	1.随附 UN38.3 试验概要(编号: 01112300000542-2(E))。
Remark	Attached with UN38.3 test summary (No.: 01112300000542-2(E)).

主检 Appraiser:









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电池信息:

The battery information:

电池类型 Battery type	锂离子电池 Lithium ion batteries	标称电压 Nominal Voltage	3.2V
额定容量 Rated Capacity	280Ah	总能量 Total Energy	896Wh
充电限制电压 Limited Charge Voltage	3.65V	标准充电电流 Standard Charge Current	140A
最大充电电流 Maximum Charge Current	280A	充电截止电流 Charge Cut-off Current	JAN 14A
标准放电电流 Standard discharge Current	140A	最大放电电流 Maximum Discharge Current	280A
放电截止电压 Discharge Cut-off Voltage	2.5V	物理形状说明 Physical description	长方体 Cuboid 71.7±1mm(T)×173.7±1mm(W) ×207.2±1mm(H)
重量 Mass	5.49±0.3kg	电芯生产单位 Manufacturer of cell	江苏亿纬林洋储能技术有限公司 EVE-Linyang Energy Storage Technology Company Limited

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No:





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序号 No.	测试项目名称 Name of test	标准要求或标准条款号 Stand requirement or the clause number of standard	测试结果 Test result	本项结论 Test conclusion	备注 Remark
(5 ¹ 1	高度模拟 Altitude simulation	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.7, 38.3 试验T.1 Test T.1	见附表 1 See Appendix 1	合格 Passed	/
2	温度试验 Thermal test	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.7, 38.3 试验T.2 Test T.2	见附表 2 See Appendix 2	合格 Passed	THEORY.
3	振动 Vibration	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.7, 38.3 试验T.3 Test T.3	见附表 3 See Appendix 3	合格 Passed	CTHON CU
4	冲击 Shock	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.7, 38.3 试验T.4 Test T.4	见附表 4 See Appendix 4	合格 Passed	/ CELTURE
5011	外部短路 External short circuit	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.7, 38.3 试验 T.5 Test T.5	见附表 5 See Appendix 5	合格 Passed	
6	挤压 Crush	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.7, 38.3 试验T.6 Test T.6	见附表 6 See Appendix 6	合格 Passed	STONEDIS
7	过度充电 Overcharge	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.7, 38.3 试验T.7 Test T.7	见附表 7 See Appendix 7	不适用 Not applicable	/
8	强制放电 Forced discharge	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.7, 38.3 试验T.8 Test T.8	见附表 8 See Appendix 8	合格 Passed	/ /
Te	测试环境 est environment condition	环境温度: 20℃-25℃ Ambient temperature: 20℃-25			STRICT

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序号 No.		付表 1 pendix 1	2101	测试项目名称 Name of test	Charle	高度模 Altitude sin	
标准要求 Requirement of Standard	池组应无重量 在试验后的升 组除外)。 Test cells and temperature 2 venting, no d battery after	量损失、无渗测 开路电压不少亏 batteries shall 0±5℃. Cells a isassembly, no testing is not	属、无排气、 F其在进行这- be stored at a j nd batteries me o rupture and r less than 90%	6kPa 和环境温 无解体、无破象 一试验前电压的 pressure of 11.6 cet this requirer to fire and if the of its voltage table to test cell	製和无燃烧,	并且每个试验的 放电状态的试 r at least six ho no mass loss, i t voltage of ea prior to this p	电池或电池组验电池或电池 curs at ambient no leakage, no ch test cell or rocedure. The
样品状态 Sample status	C1#~C5#: f C6#~C10#:	与一个循环完全 irst cycle in ful 第二十五个循 after 25 cycles	ly charged state 环完全充电的	es.	NS DETRIC	OUCUSTOMS	McThonco
样品编号 Sample No.	测试前 电池质量 m _I (kg)	Before 开路电压 v _I (V)	测试后 电池质量 m ₂ (kg)	After 开路电压 v ₂ (V)	质量损失 Mass loss (%)	剩余电压 Residual OCV(%)	测试结果 Test result
C1#	5.536	3.345	5.536	3.345	0.00	100.00	MOTO O
C2#	5.552	3.345	5.552	3.345	0.00	100.00	0
C3#	5.538	3.347	5.538	3.347	0.00	100.00	STONIS
C4#	5.526	3.344	5.526	3.344	0.00	100.00	o o
C5#	5.544	3.345	5.544	3.345	0.00	100.00	0
C6#	5.554	3.343	5.554	3.343	0.00	100.00	ME O
C7#	5.542	3.346	5.542	3.346	0.00	100.00	0
C8#	5.534	3.345	5.534	3.345	0.00	100.00	o
C9#	5.542	3.346	5.542	3.346	0.00	100.00	SOLO O
C10#	5.546	3.347	5.546	3.347	0.00	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。 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No Leakage, No Venting, No Disassembly, No Rupture & No Fire.

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序号 No.		附表 2 ppendix 2	erc.	测试项目名称 Name of test	COLONIC	温度试. Thermal	
标准要求 Requirement of Standard	至少 6h (大 最大时间间 试验电池或电池或 验电池或电池 Test cells an followed by interval betw after which a For large cell 12 hours. Cel disassembly, testing is not	型电池或电池。 隔为 30min。重 电池组应无重力 组在试验后的力 池组除外)。 Id batteries are storage for at leaven test temperall test cells and la and batteries and rupture and	组暴露于极端复 10 次,再将复 10 次,再将复 10 次,再将 量损失、无渗; 于路电压不少一 to be stored for east six hours a rature extremes I batteries are the duration of a meet this required no fire and in of its voltage in	试验温度的时间 好所有试验电池 漏、无排气、 于其在进行这一 or at least six hat a test temper is 30 minutes to be stored for exposure to the direment if there of the open circumediately prior	间至少为 12h) 过或电池组在环 无解体、无破到 一试验前电压的 cours at a test to ature equal to - . This procedure 24 hours at an e test temperature is no mass los uit voltage of e or to this proced	R验温度等于-40。两个极端试验 境温度 20±5℃ 裂和无燃烧,并 约 90%(完全放 40±2℃. The mage is to be repeanable the temperature extremes show that is, no leakage, no l	脸温度之间的下存放 24h。 下存放 24h。 上且每个试验 文电状态的试 al to 72±2℃, aximum time ted 10 times, ure (20±5℃)。 uld be at least to venting,no battery after
样品状态 Sample status	C1#~C5#: 5 C1#~C5#:	第一个循环完全 first cycle in ful 第二十五个循	è充电的电池; lly charged stat 环完全充电的	es. Livo	GUARA	OKIE P	OCTOENT
样品编号	测试前	1 Before	测试后	f 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 _l (V)	电池质量 m ₂ (kg)	开路电压 v ₂ (V)	Mass loss (%)	Residual OCV(%)	Test result
C1#	5.536	3.345	5.536	3.332	0.00	99.61	50
C2#	5.552	3.345	5.552	3.333	0.00	99.64	0
C2#	5.552 5.538	3.345 3.347	5.552 5.538	3.333 3.335	0.00	99.64 99.64	0
,	00	SOX,	1870	16	(3)	CALL	
C3#	5.538	3.347	5.538	3.335	0.00	99.64	O
C3# C4#	5.538 5.526	3.347	5.538 5.526	3.335	0.00	99.64 99.70	0
C3# C4# C5#	5.538 5.526 5.544	3.347 3.344 3.345	5.538 5.526 5.544	3.335 3.334 3.331	0.00 0.00 0.00	99.64 99.70 99.58	0 0
C3# C4# C5# C6#	5.538 5.526 5.544 5.554	3.347 3.344 3.345 3.343	5.538 5.526 5.544 5.554	3.335 3.334 3.331 3.330	0.00 0.00 0.00 0.00	99.64 99.70 99.58 99.61	0 0 0
C3# C4# C5# C6#	5.538 5.526 5.544 5.554 5.542	3.347 3.344 3.345 3.343 3.346	5.538 5.526 5.544 5.554 5.542	3.335 3.334 3.331 3.330 3.332	0.00 0.00 0.00 0.00	99.64 99.70 99.58 99.61 99.58	0 0 0 0

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。 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No Leakage, No Venting, No Disassembly, No

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序号	T i	 附表 3	7	测试项目名科	t	 振动	0
No.	~~~	n 永 3 pendix 3	STC.	Name of test		Vibrati	
THO	A Y -		或通过夹具安装		台面上, 用正弦	玄波,从 7Hz ラ	开始,保持 1g
	的最大加速周	度,直到 18Hz。	然后将振幅保:	持在 0.8mm(总	总偏移 1.6mm),	并增加频率直到	到最大加速周
	达到 8gn(频3	率约为 50Hz).	将最大加速度	保持在 8gn 直	到频率增加到	200Hz。对三/	个互相垂直的
10	电池或电池线	且安装方向的4	每个方向重复运	进行 12 次, 一	共振动 3h。试	验电池或电池组	且应无重量
	失、无渗漏、	. 无排气、无角	解体、无破裂剂	和无燃烧,并	且每个试验电流	也或电池组在记	式验后的开
	电压不少于非	其在进行这一i	试验前电压的 9	90% (完全放	电状态的试验	电池或电池组图	余外)。
标准要求					the vibration m		
Requirement					oration. The vil acceleration of		
of Standard					$(1.6 \text{mm total } \epsilon)$		
	increased unti	il a peak accele	eration of 8gn o	occurs (approxi	imately 50Hz).	A peak accelera	ation of 8gn
					z. This cycle sh		
					r mounting posterminal face. C		
					g, no disassemb		
					er testing is not		
		prior to this pro at fully dischar		equirement rela	ating to voltage	is not applicab	le to test cel
W n .lh +	C1#~C5#: 第	有 有 有 一 个 循 环 完 全	e充电的电池;	26		GY	170,
样品状态 Sample	C1#~C5#: f	first cycle in ful	lly charged state				
status			环完全充电的		CHIMO		
6	0_	0	ending in fully	0	s	5	X OTHE
样品编号	测讯則	試前 Before 测试后 Aft			质量损失	剩余电压	测试结果
Sample No.	电池质量	开路电压	电池质量	开路电压	Mass loss (%)	Residual OCV(%)	Test resul
	$m_1(kg)$	$v_1(V)$	m ₂ (kg)	v ₂ (V)	(70)	OC V (70)	
C1#	5.536	3.332	5.536	3.330	0.00	99.94	О
C2#	5.552	3.333	5.552	3.332	0.00	99.97	O
C3#	5.538	3.335	5.538	3.335	0.00	100.00	O
C4#	5.526	3.334	5.526	3.333	0.00	99.97	0
C5#	5.544	3.331	5.544	3.331	0.00	100.00	o
C6#	5.554	3.330	5.554	3.330	0.00	100.00	0 B
C7#	5.542	3.332	5.542	3.331	0.00	99.97	О
C8#	5.534	3.331	5.534	3.331	0.00	100.00	0.0
C9#	5.542	3.335	5.542	3.335	0.00	100.00	O
					()	(1/4 /	
C10#	5.546	3.336	5.546	3.335	0.00	99.97	О

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。 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No Leakage, No Venting, No Disassembly, No Rupture & No Fire.

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序号		附表 4		测试项目名称	11510	冲击	
标准要求 Requirement of Standard	将电池或电 gn=√[100850 其正负极各; 解体、无破; 试验前电压; Test cells and support all m shock of pea milliseconds.	ppendix 4 池组用坚硬支/mass)中较小冲击 3次,共冲积无燃烧, 约 90%(完全)d batteries shall counting surface lk acceleration of the seks in the negation	者的正弦波冲 中击 18次。各 并且每个试验 放电状态的试 be secured to s of each test b of 150gn or ac attery shall be	Name of test 金装置上,对一 击,脉冲持续 试验电池或电 电池或电池组 验电池或电池。 the testing made pattery. Each sm celeration (gn) subjected to the	于小型电池组时间 $6ms$,按池组应无重量在试验后的开始除外)。chine by means $=\sqrt{(100850/mcee}$	Shoc ,应以加速度 三个相互垂直的 损失、无渗漏 路电压不少于 s of a rigid mou all be subjected ass) and pulse the positive direct	k 为 150gn 或 的轴向分别对 、无排气、无 其在进行这一 Int which will to a half-sine duration of 6
样品状态 Sample status	leakage, no very cell or batter requirement states. (NOTE C1#~C5#: 500 C1#~C5#: C6#~C10#:	r a total of 18 sh yenting, no disar y after testing is relating to vo. E: Mass is expre 第一个循环完全 first cycle in ful 第二十五个循 after 25 cycles	ssembly, no rups not less than lage is not a ssed in kilogra 全充电的电池; ly charged stat 环完全充电的	pture and no fir 90% of its volta pplicable to te ms) es. 电池。	re and if the opage immediatelest cells and l	en circuit voltag y prior to this p	ge of each test procedure. The
样品编号 Sample No.		于Before 开路电压 V1(V)		后 After 开路电压 V ₂ (V)	质量损失 Mass loss (%)	剩余电压 Residual OCV(%)	测试结果 Test result
C1#	5.536	3.330	5.536	3.330	0.00	100.00	60
C2#	5.552	3.332	5.552	3.332	0.00	100.00	о о
C3#	5.538	3.335	5.538	3.335	0.00	100.00	О
C4#	5.526	3.333	5.526	3.333	0.00	100.00	0
C5#	5.544	3.331	5.544	3.331	0.00	100.00	O
C6#	5.554	3.330	5.554	3.330	0.00	100.00	0
C7#	5.542	3.331	5.542	3.331	0.00	100.00	О
C8#	5.534	3.331	5.534	3.331	0.00	100.00	O O
C9#	\$ 5.542	3.335	5.542	3.335	0.00	100.00	0
C10#	5.546	3.335	5.546	3.335	0.00	100.00	61×

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。 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No Leakage, No Venting, No Disassembly, No Rupture & No Fire.

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	Y SOY ZY .		
序号 No.		式项目名称 ame of test	外部短路 External short circuit
标准要求 Requirement of Standard 样品状态	待试验电池或电池组的外壳温度稳定在 57± 小于 0.1Ω 的短路条件,当电池或电池组外,再观察电池或电池组 6h 才结束试验。电池 6h 内应无解体、无破裂和无燃烧。 The cell or battery to be tested shall be temp reaches 57±4℃ and then the cell or battery shexternal resistance of less than 0.1 ohm at 57 least one hour after the cell or battery external battery must be observed for a further six hour this requirement if their external temperature or rupture and no fire within six hours of this test C1#~C5#: 第一个循环完全充电的电池;	売温度回到 57±4℃ 后或电池组的外壳温度 erature stabilized so tall be subjected to a stable of the correct of the test to be coloes not exceed 170℃	后继续至少 1h,然后短路断开, 度应不超过 170℃,并且试验后 that its external case temperature hort circuit condition with a tota cuit condition is continued for a s returned to 57±4℃. The cell on ncluded. Cells and batteries mee
F 的 扒 心 Sample status	C1#~C5#: first cycle in fully charged states. C6#~C10#: 第二十五个循环完全充电的电》 C6#~C10#: after 25 cycles ending in fully ch		
样品编号 Sample No.	样品表面最高温度 Max External Temperature(℃)	测试结果 Test result	A A Remark
C1#	64.4	O CANAL O	oct C LOTH
C2#	62.8	O'HAGO	RICT / MET
C3#	62.1	O CARLO O	ONE DIE
C4#	61.5 FRICT	0	JSTO JETHOO!
C5#	66.2	0	OUR /
C6#	63.5	o O	A STATE
C7#	62.5 GDT	O CENT	Morpos 1
C8#	61.9	0 0	THE LETTER
C9#	63.3	o o	STRIP STONE
C10#	62.6	O	(0)

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。

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	-\$	3	200	- KIC	~	All and the second	.0	
序号 No.	附表 6 Appendix	6 STRICT		测试项目名称 Name of test	W CUET	N. S.	挤压 Crush	GUP
标准要求 Requirement of Standard	(适用于棱柱形、袋 将电池或元件电池游 为 1.5cm/s。挤压持 (a)施加的电压下处则 (b)电池变形量达下原始 校柱形或袋直电池或 与纵轴垂或电池或电池 大解体、无破裂、为 Crush (applicable to	e 装、硬币/ e 装、硬币/ g 在 两个,直 13kN±0.78k 至少 100 毫 50 五 从 压	面之间挤归 N; 以出现以 , 或以上。 一 也 池 温	和直径小于 18 E, 挤压力度主 下三种情况之 纽扣/硬币电: -次挤压试验。 超过 170℃,	逐渐加大, 一即解除原 地应从其平 并且在试 d cylindrica	在第一个表面的。 型坦表面施验过程中和	接触点上的 接触点上的 压。圆柱形 和试验后 6 more than 1	i电池应从 小时内应 8 in
JETOME DETRIC	diameter): A cell or cell gradual with a speed continued until the fin (a) The applied force (b) The voltage of the (c) The cell is deformed once the maximum peell is deformed by at Each test cell or com this requirement if the no fire during the test	of approximate of the three of three of the three of three of the three of three of three of three of the three of three	ately 1.5cr ee options N±0.78kN; y at least 1 or more of i been obtain of its origin is to be sul temperatur	n/s at the first pelow is reached 00mV; or ts original thiched, the voltage all thickness, the pected to one re does not exceed to the period of the period	kness. e drops by ne pressure crush only	at least 100 shall be rel . Cells and	mV or more eased.	e, or the
样品状态 Sample status	C11#~C15#: 第一个 C11#~C15#: first c C16#~C20#: 第二十 C16#~C20#: after 2	·循环 50%的ycle at 50% ·五个循环:	内额定容量 of the desi 50%的额定	t的电芯。 gn rated capaci 容量的电芯。	100	cell.	JANGIHOU	
样品编号 Sample No.	样品表面最高温度 Max External Temperature(℃)	测试结果 Test result	备注 Remark	样品编号 Sample No.	The state of the s	最高温度 xternal ature(℃)	测试结果 Test result	备注 Remark
C11#	25.3	0		C16#	25	5.3	0	1
C12#	25.6	0	1,5	C17#	25	5.6	0	STRY
C13#	25.5	0	2019	C18#	25	5.3	OWE	/
C14#	25.3	0.40	/	C19#	25	5.5	O	MGZ
C15#	25.5	5TP 0	10116	C20#	25	5.4	О	87

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。

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序号 No.	附表 7 Appendix 7	测试项目名称 Name of test	过度充电 Overcharge	
TECHINE.	充电电流必须是制造商建议的i			
	(a)制造商建议的充电电压不	大丁 18V 时, 试验的取引	`电压应定电池组取大允电电	压的网
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大可再充电电池组在环境温度 The charge current shall be twice current. The minimum voltage of (a) When the manufacturer's reco voltage of the test shall be the les 22V. (b) When the manufacturer's reco voltage of the test shall be 1.2 tim Tests are to be conducted at an Rechargeable batteries meet this	下试验 24h。 试样在试验, the manufacturer's recommended charge voltage is ser of two times the maximum charge voltage in the test shall be as follows a ser of two times the maximum charge voltage is the maximum charge voltage it temperature. The description of the service of the serv	后 7 天内应无解体和无燃烧。mended maximum continuous consists on the more than 18V, the minimum charge voltage of the battens of the minimum coltage. But a continuous continuo	charge num ery or n hours.
	days of the test.	744000000000000000000000000000000000000	CUARTINITY WILL ITS WILLIAM	0
样品状态 Sample status	1 CUSTONN ICTHOUGH			
样品编号 Sample No.	测试结果 Test result	A CELANO	备注 Remark	
1 80			Feet, Pietskip	STOMS
& 1	of CELE	未安美	麦过度充电保护装置、按设计	要求只
1 1111010	I destre	池组」	在另一个带过度充电保护装 或设备中的电池组或单一电	
15 T	EDISTR. JETON	Batter	无需满足本项试验的要求。 ries or single cell batterie	
ST /	ON THOUSE I	that	ped with battery overcharge pro are designed for use only onent in another battery	as a
THOUS	EUR ^{MC}	equip	ment, which affords such pro ot subject to the requirements	tection,
CURMO/		test.	TRICT TO THE DI	
1	Noct / Riching	RICT	THE DIE,	
· D 知什	D 动列 口切以 O 下級什	工 加 列 工 扫 小	0	Oly

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。

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序号 No.	附表 8 Appendix	8 APAICT	测试项目名科 Name of test		强制放电 orced discharge
标准要求 Requirement of Standard	定的最大放电电流的燃烧。 Each cell shall be fo D.C. power supply a manufacturer. The spappropriate size and interval (in hours) ed	内条件下强制 rced discharge at an initial cu pecified discha rating in series qual to its rated	放电。原电池或可具 ed at ambient tempera arrent equal to the ma arge current is to be ob s with the test cell. Ead d capacity divided by	F充电电池在试验后 ature by connecting in aximum discharge cu btained by connecting ch cell shall be forced the initial test curren	始电流等于制造商给 7天内应无解体和无 t in series with a 12 V report specified by the garesistive load of the d discharged for a time t (in Ampere).Primary fire within seven days
样品状态 Sample status	C21#~C30#: 第一/ C21#~C30#: first c C31#~C40#: 第二- C31#~C40#: after 25	ycle in fully d 十五个循环完	ischarged states; 全放电的电芯。	JONE DIE 1	JISTON GUANGTHOU
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
C21#	0,000	MCTHO /	C31#	2 O CE	1000
C22#	GIM O GU	1	C32#	0/00	
C23#	O	CENT CENT	C33#	Key O	STRIC / STOME
C24#	CACELLO O	1	C34#	O STOMS	700 C72
C25#	Oct	- Hete	C35#	NO OCO	WANGE /
C26#	EDISO.	15TOMPS/	C36#	JANG O	1 Miles
C27#	John O Hone	1 25	C37#	OKE	OCT OF
C28#	O. M.	/	C38#	00,00	JINOV / BICT TO
C29#	0	KEP 1	C39#	NOT O PRICE	N OIST
C30#	o ot	10 High	C40#	Ols	Justo / Justo

注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。



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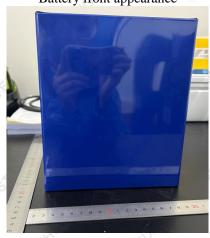
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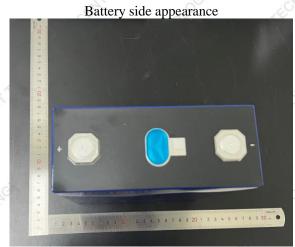
样品图片

Photo of the sample

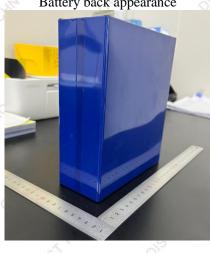
电池正面外观 Battery front appearance



电池侧面外观



电池背面外观 Battery back appearance



电池铭牌(含 Wh) Battery nameplate (With Wh)



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Test Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Institute of Automobile and Equipment Testing in Science City)

电话(Tel): 020-38669019-811

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