中国认可
检测
TESTING
CNAS L0748

230014349552

NO.1124010042

检 测 报 告

Test Report

样品名称： 充电盒 AUFEAR-1 5V/100mA (3.7V 500mAh 1.85Wh)

Name of Sample: Charging case AUFEAR-1 5V/100mA (3.7V 500mAh 1.85Wh)

委托单位: 东莞市晨新电子科技有限公司

Consignor: Honsenn Technology Co., Ltd

上海化工院检测有限公司

Shanghai Institute of Chemical Industry Testing Co., Ltd.

上海化工院检测有限公司
检 测 报 告

Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report

NO. 1124010042

样品名称 Name of Sample	中文 Chinese	充电盒 AUFEAR-1 5V/100mA (3.7V 500mAh 1.85Wh)		
	英文 English	Charging case AUFEAR-1 5V/100mA (3.7V 500mAh 1.85Wh)		
样品编号 Sample No.	1124010042			
委托单位 Consignor	东莞市晨新电子科技有限公司 Honsenn Technology Co., Ltd			
生产单位 Manufacturer	/ FairPhone B.V.			
检测方法 Test method	联合国《试验和标准手册》 ST/SG/AC.10/11/Rev.7&Amend.1 38.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3			
判定标准 Criterion	联合国《试验和标准手册》 ST/SG/AC.10/11/Rev.7&Amend.1 38.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3			
样品外观 Appearance	黑色 塑胶外壳 Black Plastics cement shell			
样品接受日期 Accepted Date	2024-01-02	检测起迄日期 Test Date	2024-01-15 ～ 2024-03-14	
检测项目 Test Items	高度模拟;热测试;振动;冲击;外短路;挤压;过充电;强制放电 Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, Overcharge, Forced discharge			
检测结论 Conclusion	经检测，该样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3标准要求。 The sample has passed the test items of UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 生效日期(Date)：2024-03-15			
备注 Comment	可充电单电芯电池Rechargeable Single Cell Battery./			
委托单位地址 Consignor Address	/		邮政编码 Post Code	518103

批准 Approver: 许鑫　　审核 Checker: 陈建峰　　编制 Compiler: 傅欣

职务 Title: 电化学测试部部长(Head of Electrochemical Testing Department)

序号 No.	检测项目名称 Name of Test Items	标准要求或标准条款号 Standard requirement or The Clause Number of Standard	检测结果 Test Result	本项结论 Conclusion	备注 Remark
1	高度模拟 Altitude simulation	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.1 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.1	见附表 1 See Appendix 1	合格 Passed	/
2	热测试 Thermal test	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.2 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.2	见附表 2 See Appendix 2	合格 Passed	/
3	振动 Vibration	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.3	见附表 3 See Appendix 3	合格 Passed	/
4	冲击 Shock	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.4 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.4	见附表 4 See Appendix 4	合格 Passed	/
5	外短路 External short circuit	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.5 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.5	见附表 5 See Appendix 5	合格 Passed	/
6	挤压 Crush	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.6 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.6	见附表 6 See Appendix 6	合格 Passed	/
7	过充电 Overcharge	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.7 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.7	见附表 7 See Appendix 7	合格 Passed	/
8	强制放电 Forced discharge	联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7&Amend.1 38.3 试验T.8 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7&Amend.1 Section 38.3 Test T.8	见附表 8 See Appendix 8	合格 Passed	/

检测环境条件 Test Environment Condition	环境温度:20℃-21℃;环境湿度:/% Ambient temperature:20℃-21℃;Ambient humidity:/%				
分包检验情况 Subcontracted Test Condition	检测项目 Test Item	/			
	分包实验室 Subcontracted Laboratory	名称 Name	/	邮编 Post Code	/
		地址 Address	/	电话 Tel	/

上海化工院检测有限公司
检 测 报 告 - 附表1

Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report — Appendix 1

序号 No.	1	检测项目名称 Name of Test Items		高度模拟 Altitude simulation				
样品编号 Sample No.	样品状态 Sample Status	试验前 Before		试验后 After		质量损失 Mass Loss /%	剩余电压 Residual OCV /%	其他现象 Other Event
		质量 Mass /g	开路电压 OCV /V	质量 Mass /g	开路电压 OCV /V			
001	1CYC完全充电 1CYC Fully charged	69.3041	4.17	69.3029	4.17	0.00	100.00	O
002	1CYC完全充电 1CYC Fully charged	69.3933	4.18	69.3873	4.18	0.01	100.00	O
003	1CYC完全充电 1CYC Fully charged	69.3179	4.17	69.3112	4.17	0.01	100.00	O
004	1CYC完全充电 1CYC Fully charged	69.2495	4.17	69.2468	4.17	0.00	100.00	O
005	1CYC完全充电 1CYC Fully charged	69.1333	4.17	69.1280	4.17	0.01	100.00	O
006	25CYC完全充电 25CYC Fully charged	69.1640	4.15	69.1593	4.15	0.01	100.00	O
007	25CYC完全充电 25CYC Fully charged	69.1308	4.16	69.1297	4.16	0.00	100.00	O
008	25CYC完全充电 25CYC Fully charged	69.2789	4.16	69.2765	4.16	0.00	100.00	O
009	25CYC完全充电 25CYC Fully charged	69.1939	4.16	69.1902	4.16	0.01	100.00	O
010	25CYC完全充电 25CYC Fully charged	69.4488	4.18	69.4435	4.18	0.01	100.00	O
以下空白	This space intentionally left blank							

备注：L-泄漏 V-漏气 D-解体 R-破裂 F-起火 O-无泄漏、无漏气、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.

上海化工院检测有限公司
检 测 报 告 - 附表2

Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report — Appendix 2

序号 No.	2	检测项目名称 Name of Test Items		热测试 Thermal test				
样品编号 Sample No.	样品状态 Sample Status	试验前 Before		试验后 After		质量损失 Mass Loss /%	剩余电压 Residual OCV /%	其他现象 Other Event
		质量 Mass /g	开路电压 OCV /V	质量 Mass /g	开路电压 OCV /V			
001	1CYC完全充电 1CYC Fully charged	69.3029	4.17	69.1717	4.12	0.19	98.80	O
002	1CYC完全充电 1CYC Fully charged	69.3873	4.18	69.2521	4.13	0.19	98.80	O
003	1CYC完全充电 1CYC Fully charged	69.3112	4.17	69.1986	4.12	0.16	98.80	O
004	1CYC完全充电 1CYC Fully charged	69.2468	4.17	69.1306	4.12	0.17	98.80	O
005	1CYC完全充电 1CYC Fully charged	69.1280	4.17	69.0109	4.12	0.17	98.80	O
006	25CYC完全充电 25CYC Fully charged	69.1593	4.15	69.1279	4.11	0.05	99.04	O
007	25CYC完全充电 25CYC Fully charged	69.1297	4.16	68.9978	4.12	0.19	99.04	O
008	25CYC完全充电 25CYC Fully charged	69.2765	4.16	69.1562	4.12	0.17	99.04	O
009	25CYC完全充电 25CYC Fully charged	69.1902	4.16	69.0679	4.11	0.18	98.80	O
010	25CYC完全充电 25CYC Fully charged	69.4435	4.18	69.3207	4.14	0.18	99.04	O
以下空白	This space intentionally left blank							

备注：L-泄漏 V-漏气 D-解体 R-破裂 F-起火 O-无泄漏、无漏气、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.

上海化工院检测有限公司
检 测 报 告－附表3

Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report—Appendix 3

序号 No.	3	检测项目名称 Name of Test Items		振动 Vibration				
样品编号 Sample No.	样品状态 Sample Status	试验前 Before		试验后 After		质量损失 Mass Loss /%	剩余电压 Residual OCV /%	其他现象 Other Event
		质量 Mass /g	开路电压 OCV /V	质量 Mass /g	开路电压 OCV /V			
001	1CYC完全充电 1CYC Fully charged	69.1717	4.12	69.1671	4.12	0.01	100.00	O
002	1CYC完全充电 1CYC Fully charged	69.2521	4.13	69.2466	4.13	0.01	100.00	O
003	1CYC完全充电 1CYC Fully charged	69.1986	4.12	69.1934	4.12	0.01	100.00	O
004	1CYC完全充电 1CYC Fully charged	69.1306	4.12	69.1187	4.11	0.02	99.76	O
005	1CYC完全充电 1CYC Fully charged	69.0109	4.12	69.0034	4.12	0.01	100.00	O
006	25CYC完全充电 25CYC Fully charged	69.1279	4.11	69.1217	4.11	0.01	100.00	O
007	25CYC完全充电 25CYC Fully charged	68.9978	4.12	68.9898	4.12	0.01	100.00	O
008	25CYC完全充电 25CYC Fully charged	69.1562	4.12	69.1544	4.11	0.00	99.76	O
009	25CYC完全充电 25CYC Fully charged	69.0679	4.11	69.0651	4.11	0.00	100.00	O
010	25CYC完全充电 25CYC Fully charged	69.3207	4.14	69.3069	4.13	0.02	99.76	O
以下空白	This space intentionally left blank							

备注：L-泄漏 V-漏气 D-解体 R-破裂 F-起火 O-无泄漏、无漏气、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.

上海化工院检测有限公司
检 测 报 告－附表4
Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report—Appendix 4

NO. 1124010042

序号 No.	4	检测项目名称 Name of Test Items		冲击 Shock				
样品编号 Sample No.	样品状态 Sample Status	试验前 Before		试验后 After		质量损失 Mass Loss /%	剩余电压 Residual OCV /%	其他现象 Other Event
		质量 Mass /g	开路电压 OCV /V	质量 Mass /g	开路电压 OCV /V			
001	1CYC完全充电 1CYC Fully charged	69.1671	4.12	69.1610	4.11	0.01	99.76	O
002	1CYC完全充电 1CYC Fully charged	69.2466	4.13	69.2432	4.12	0.00	99.76	O
003	1CYC完全充电 1CYC Fully charged	69.1934	4.12	69.1919	4.12	0.00	100.00	O
004	1CYC完全充电 1CYC Fully charged	69.1187	4.11	69.1138	4.11	0.01	100.00	O
005	1CYC完全充电 1CYC Fully charged	69.0034	4.12	68.9993	4.12	0.01	100.00	O
006	25CYC完全充电 25CYC Fully charged	69.1217	4.11	69.1215	4.10	0.00	99.76	O
007	25CYC完全充电 25CYC Fully charged	68.9898	4.12	68.9886	4.12	0.00	100.00	O
008	25CYC完全充电 25CYC Fully charged	69.1544	4.11	69.1527	4.11	0.00	100.00	O
009	25CYC完全充电 25CYC Fully charged	69.0651	4.11	69.0612	4.11	0.01	100.00	O
010	25CYC完全充电 25CYC Fully charged	69.3069	4.13	69.3025	4.12	0.01	99.76	O
以下空白	This space intentionally left blank							

备注：L-泄漏 V-漏气 D-解体 R-破裂 F-起火 O-无泄漏、无漏气、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.

上海化工院检测有限公司
检 测 报 告－附表5
Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report—Appendix 5

序号 No.	5	检测项目名称 Name of Test Items	外短路 External short circuit
样品编号 Sample No.	样品状态 Sample Status	样品表面最高温度 Max. External Temperature /℃	其他现象 Other Event
001	1CYC完全充电 1CYC Fully charged	56.0	O
002	1CYC完全充电 1CYC Fully charged	56.9	O
003	1CYC完全充电 1CYC Fully charged	56.9	O
004	1CYC完全充电 1CYC Fully charged	57.0	O
005	1CYC完全充电 1CYC Fully charged	56.1	O
006	25CYC完全充电 25CYC Fully charged	57.7	O
007	25CYC完全充电 25CYC Fully charged	57.5	O
008	25CYC完全充电 25CYC Fully charged	57.4	O
009	25CYC完全充电 25CYC Fully charged	56.5	O
010	25CYC完全充电 25CYC Fully charged	57.9	O
以下空白	This space intentionally left blank		

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

上海化工院检测有限公司
检 测 报 告－附表6
Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report—Appendix 6

序号 No.	6	检测项目名称 Name of Test Items	挤压 Crush
样品编号 Sample No.	样品状态 Sample Status	样品表面最高温度 Max. External Temperature /℃	其他现象 Other Event
011	1CYC 50%容量 1CYC 50% Capacity	21.7	O
012	1CYC 50%容量 1CYC 50% Capacity	21.5	O
013	1CYC 50%容量 1CYC 50% Capacity	21.2	O
014	1CYC 50%容量 1CYC 50% Capacity	21.3	O
015	1CYC 50%容量 1CYC 50% Capacity	21.6	O
016	25CYC 50%容量 25CYC 50% Capacity	21.6	O
017	25CYC 50%容量 25CYC 50% Capacity	21.2	O
018	25CYC 50%容量 25CYC 50% Capacity	21.9	O
019	25CYC 50%容量 25CYC 50% Capacity	21.9	O
020	25CYC 50%容量 25CYC 50% Capacity	21.4	O
以下空白	This space intenticnally left blank		

备注：D-解体 F-起火 O-无解体、无起火。
Note: D-Disassembly F-Fire O-No Disassembly & No Fire.

序号 No.	7	检测项目名称 Name of Test Items	过充电 Overcharge
样品编号 Sample No.	样品状态 Sample Status	其他现象 Other Event	
021	1CYC完全充电 1CYC Fully charged	O	
022	1CYC完全充电 1CYC Fully charged	O	
023	1CYC完全充电 1CYC Fully charged	O	
024	1CYC完全充电 1CYC Fully charged	O	
025	25CYC完全充电 25CYC Fully charged	O	
026	25CYC完全充电 25CYC Fully charged	O	
027	25CYC完全充电 25CYC Fully charged	O	
028	25CYC完全充电 25CYC Fully charged	O	
以下空白	This space intentionally left blank		

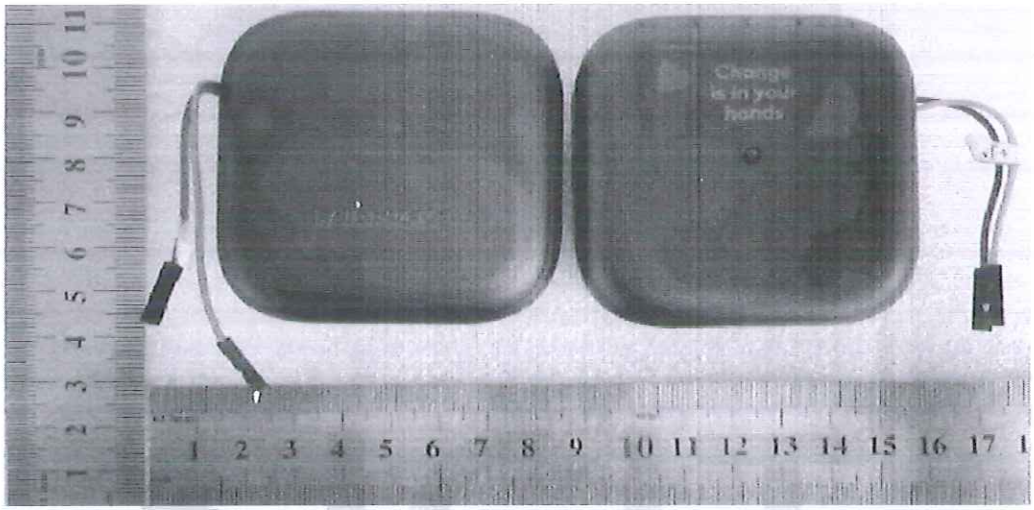
备注：D-解体 F-起火 O-无解体、无起火。
Note: D-Disassembly F-Fire O-No Disassembly & No Fire.

上海化工院检测有限公司
检 测 报 告－附表8
Shanghai Institute of Chemical Industry
Testing Co., Ltd. Test Report—Appendix 8

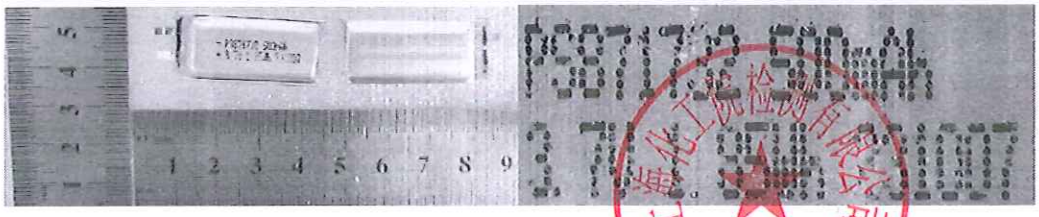
NO. 1124010042

序号 No.	8	检测项目名称 Name of Test Items	强制放电 Forced discharge
样品编号 Sample No.	样品状态 Sample Status	其他现象 Other Event	
029	1CYC完全放电 1CYC Fully discharged	O	
030	1CYC完全放电 1CYC Fully discharged	O	
031	1CYC完全放电 1CYC Fully discharged	O	
032	1CYC完全放电 1CYC Fully discharged	O	
033	1CYC完全放电 1CYC Fully discharged	O	
034	1CYC完全放电 1CYC Fully discharged	O	
035	1CYC完全放电 1CYC Fully discharged	O	
036	1CYC完全放电 1CYC Fully discharged	O	
037	1CYC完全放电 1CYC Fully discharged	O	
038	1CYC完全放电 1CYC Fully discharged	O	
039	25CYC完全放电 25CYC Fully discharged	O	
040	25CYC完全放电 25CYC Fully discharged	O	
041	25CYC完全放电 25CYC Fully discharged	O	
042	25CYC完全放电 25CYC Fully discharged	O	
043	25CYC完全放电 25CYC Fully discharged	O	
044	25CYC完全放电 25CYC Fully discharged	O	
045	25CYC完全放电 25CYC Fully discharged	O	
046	25CYC完全放电 25CYC Fully discharged	O	
047	25CYC完全放电 25CYC Fully discharged	O	
048	25CYC完全放电 25CYC Fully discharged	O	

备注：D-解体 F-起火 O-无解体、无起火。
Note: D-Disassembly F-Fire O-No Disassembly & No Fire.







检验检测专用章
(14)

报告结束