



NO.1124050442

检测报告

Test Report

样品名称： 充电盒 M2341E1 Output:5V/200mA (3.8V 480mAh 1.824Wh)

Name of Sample: Charging Case M2341E1 Output:5V/200mA (3.8V 480mAh 1.824Wh)

委托单位： 重庆市紫建电子股份有限公司

Consignor: Chongqing VDL Electronics 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

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样品名称 Name of Sample	中文 Chinese	充电盒 M2341E1 Output:5V/200mA (3.8V 480mAh 1.824Wh)		
	英文 English	Charging Case M2341E1 Output:5V/200mA (3.8V 480mAh 1.824Wh)		
样品编号 Sample No.	1124050442			
委托单位 Consignor	重庆市紫建电子股份有限公司 Chongqing VDL Electronics Co.,Ltd.			
生产单位 Manufacturer	重庆市紫建电子股份有限公司 Chongqing VDL Electronics Co.,Ltd.			
检测方法 Test method	联合国《试验和标准手册》 ST/SG/AC.10/11/Rev.8 38.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 Section 38.3			
判定标准 Criterion	联合国《试验和标准手册》 ST/SG/AC.10/11/Rev.8 38.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 Section 38.3			
样品外观 Appearance	银色, 灰色双色 塑胶外壳 Silvery and grey Plastics cement shell			
样品接受日期 Accepted Date	2024-05-20		检测起迄日期 Test Date	2024-06-03 ~ 2024-07-01
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.8 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.8 Section 38.3 生效日期(Date): 2024-07-01			
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	/

批准
Approver:
职务
Title:

审核
Checker:
新能源安全部部长(Head of New Energy Safety Department)

编制
Compiler:



上海化工院检测有限公司

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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.8 38.3 试验T.1 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.2 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.4 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.5 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.6 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.7 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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.8 38.3 试验T.8 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8 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:21℃-24℃;环境湿度:/% Ambient temperature:21℃-24℃;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

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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.

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	37.2734	4.31	37.2806	4.24	0.00	98.38	O
002	1CYC完全充电 1CYC Fully charged	37.3049	4.30	37.3055	4.24	0.00	98.60	O
003	1CYC完全充电 1CYC Fully charged	37.4381	4.31	37.4435	4.25	0.00	98.61	O
004	1CYC完全充电 1CYC Fully charged	37.1635	4.31	37.1746	4.25	0.00	98.61	O
005	1CYC完全充电 1CYC Fully charged	37.2604	4.30	37.2662	4.24	0.00	98.60	O
006	25CYC完全充电 25CYC Fully charged	37.4016	4.31	37.4003	4.24	0.00	98.38	O
007	25CYC完全充电 25CYC Fully charged	37.1973	4.31	37.2055	4.25	0.00	98.61	O
008	25CYC完全充电 25CYC Fully charged	37.1754	4.31	37.1768	4.25	0.00	98.61	O
009	25CYC完全充电 25CYC Fully charged	37.1548	4.31	37.1564	4.24	0.00	98.38	O
010	25CYC完全充电 25CYC Fully charged	37.3151	4.30	37.3222	4.24	0.00	98.60	O
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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	37.2806	4.24	37.2801	4.24	0.00	100.00	O
002	1CYC完全充电 1CYC Fully charged	37.3055	4.24	37.3048	4.24	0.00	100.00	O
003	1CYC完全充电 1CYC Fully charged	37.4435	4.25	37.4426	4.24	0.00	99.76	O
004	1CYC完全充电 1CYC Fully charged	37.1746	4.25	37.1744	4.24	0.00	99.76	O
005	1CYC完全充电 1CYC Fully charged	37.2662	4.24	37.2655	4.24	0.00	100.00	O
006	25CYC完全充电 25CYC Fully charged	37.4003	4.24	37.3993	4.23	0.00	99.76	O
007	25CYC完全充电 25CYC Fully charged	37.2055	4.25	37.2052	4.25	0.00	100.00	O
008	25CYC完全充电 25CYC Fully charged	37.1768	4.25	37.1757	4.24	0.00	99.76	O
009	25CYC完全充电 25CYC Fully charged	37.1564	4.24	37.1551	4.24	0.00	100.00	O
010	25CYC完全充电 25CYC Fully charged	37.3222	4.24	37.3219	4.23	0.00	99.76	O
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上海化工院检测有限公司
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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	37.2801	4.24	37.2796	4.24	0.00	100.00	O
002	1CYC完全充电 1CYC Fully charged	37.3048	4.24	37.3048	4.24	0.00	100.00	O
003	1CYC完全充电 1CYC Fully charged	37.4426	4.24	37.4423	4.24	0.00	100.00	O
004	1CYC完全充电 1CYC Fully charged	37.1744	4.24	37.1743	4.24	0.00	100.00	O
005	1CYC完全充电 1CYC Fully charged	37.2655	4.24	37.2651	4.24	0.00	100.00	O
006	25CYC完全充电 25CYC Fully charged	37.3993	4.23	37.3980	4.23	0.00	100.00	O
007	25CYC完全充电 25CYC Fully charged	37.2052	4.25	37.2044	4.25	0.00	100.00	O
008	25CYC完全充电 25CYC Fully charged	37.1757	4.24	37.1743	4.24	0.00	100.00	O
009	25CYC完全充电 25CYC Fully charged	37.1551	4.24	37.1550	4.24	0.00	100.00	O
010	25CYC完全充电 25CYC Fully charged	37.3219	4.23	37.3207	4.23	0.00	100.00	O
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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
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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 /°C	其他现象 Other Event
001	1CYC完全充电 1CYC Fully charged	57.2	O
002	1CYC完全充电 1CYC Fully charged	56.8	O
003	1CYC完全充电 1CYC Fully charged	56.2	O
004	1CYC完全充电 1CYC Fully charged	57.4	O
005	1CYC完全充电 1CYC Fully charged	56.6	O
006	25CYC完全充电 25CYC Fully charged	57.5	O
007	25CYC完全充电 25CYC Fully charged	56.6	O
008	25CYC完全充电 25CYC Fully charged	58.0	O
009	25CYC完全充电 25CYC Fully charged	57.6	O
010	25CYC完全充电 25CYC Fully charged	57.5	O
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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-Rupture F-Fire O-No Disassembly, No Fire & No Rupture.			

检测报告-附表6

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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	24.4	O
012	1CYC 50%容量 1CYC 50% Capacity	24.1	O
013	1CYC 50%容量 1CYC 50% Capacity	24.3	O
014	1CYC 50%容量 1CYC 50% Capacity	24.4	O
015	1CYC 50%容量 1CYC 50% Capacity	24.0	O
016	25CYC 50%容量 25CYC 50% Capacity	24.1	O
017	25CYC 50%容量 25CYC 50% Capacity	24.1	O
018	25CYC 50%容量 25CYC 50% Capacity	24.7	O
019	25CYC 50%容量 25CYC 50% Capacity	24.2	O
020	25CYC 50%容量 25CYC 50% Capacity	24.0	O
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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.

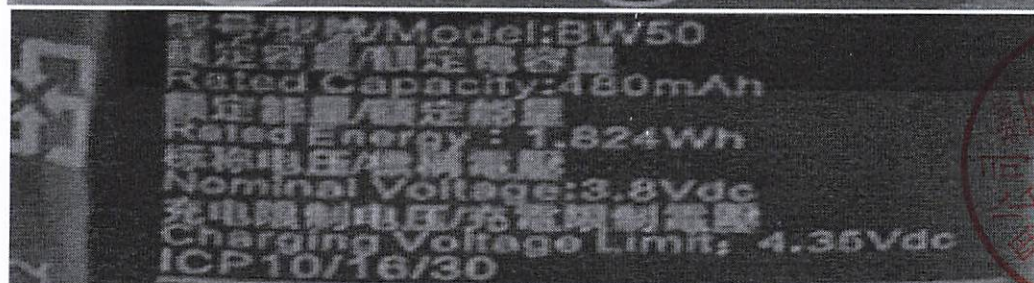
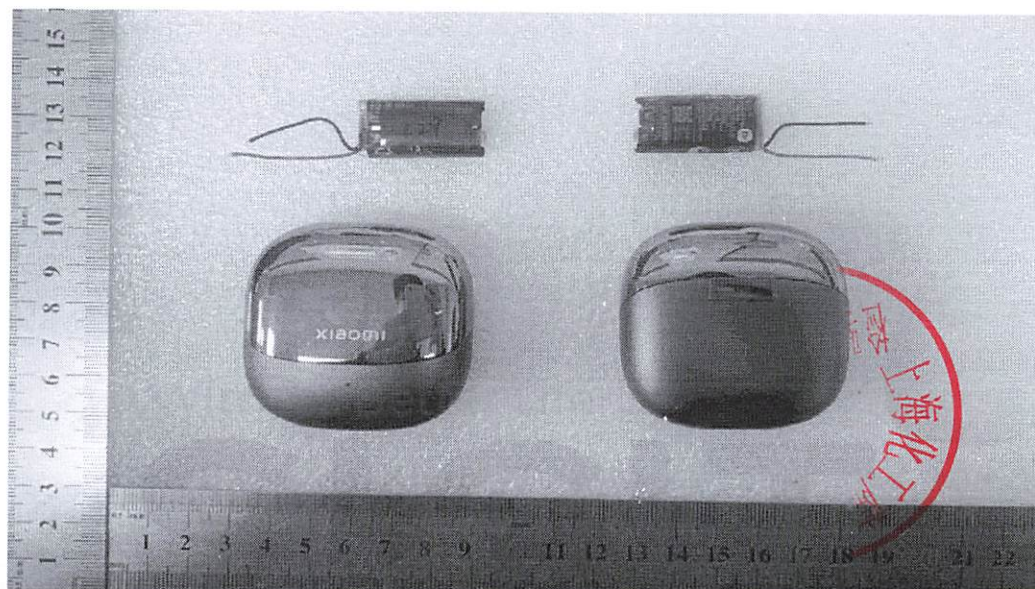
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上海化工院检测有限公司
检 测 报 告 - 附表8
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序号 No.	8	检测项目名称 Name of Test Items	强制放电 Forced discharge
样品编号 Sample No.	样品状态 Sample Status	其他现象 Other Event	
029	1CYC完全放电 1CYC Fully discharged	O	
030	1CYC完全放电 1CYC Fully 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.			



报告结束