



NO.1121050374

检 测 报 告

Test Report

样品名称：可充电锂聚合物电池 H765965P-A 3.8V 4600mAh 17.48Wh

Name of Sample: Rechargeable Li-Polymer Battery H765965P-A 3.8V
4600mAh 17.48Wh

委托单位：杭州萤石软件有限公司

Consignor: Hangzhou Ezviz Software 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

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样品名称 Name of Sample	中文 Chinese	可充电锂聚合物电池 H765965P-A 3.8V 4600mAh 17.48Wh	
	英文 English	Rechargeable Li-Polymer Battery H765965P-A 3.8V 4600mAh 17.48Wh	
样品编号 Sample No.	1121050374		
委托单位 Consignor	杭州萤石软件有限公司 Hangzhou Ezviz Software Co., Ltd.		
生产单位 Manufacturer	凤凰新能源(惠州)有限公司 Phenix New Energy (Huizhou) Co., Ltd		
检测方法 Test method	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 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 Amend.1 Section 38.3		
判定标准 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.6 Amend.1 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 Amend.1 Section 38.3		
样品外观 Appearance	银色, 黄色双色 铝塑外壳 Silvery and yellow Aluminum-plastics shell		
样品接受日期 Accepted Date	2021-05-19	检测起始日期 Test Date	2021-05-22 ~ 2021-06-28
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《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 the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 Amend.1 38.3 生效日期(Date): 2021-06-28		
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 518104

批准
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上海化工院检测有限公司 检 测 报 告

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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《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 试验T.1 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.2 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.3 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.4 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.5 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.6 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.7 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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《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 试验T.8 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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℃-23℃;环境湿度:/% Ambient temperature:20℃-23℃;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

检测报告-附表1

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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	61.3316	4.32	61.3238	4.31	0.01	99.77	O
002	1CYC完全充电 1CYC Fully charged	61.1034	4.32	61.0952	4.31	0.01	99.77	O
003	1CYC完全充电 1CYC Fully charged	61.3098	4.31	61.3016	4.30	0.01	99.77	O
004	1CYC完全充电 1CYC Fully charged	61.3868	4.32	61.3783	4.31	0.01	99.77	O
005	1CYC完全充电 1CYC Fully charged	61.5196	4.30	61.5118	4.29	0.01	99.77	O
006	25CYC完全充电 25CYC Fully charged	61.6209	4.32	61.6129	4.31	0.01	99.77	O
007	25CYC完全充电 25CYC Fully charged	61.4337	4.32	61.4267	4.31	0.01	99.77	O
008	25CYC完全充电 25CYC Fully charged	61.3249	4.32	61.3173	4.30	0.01	99.54	O
009	25CYC完全充电 25CYC Fully charged	61.5229	4.31	61.5149	4.30	0.01	99.77	O
010	25CYC完全充电 25CYC Fully charged	61.6211	4.32	61.6138	4.31	0.01	99.77	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.

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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.

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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	剩余电压	其他
		质量 Mass /g	开路电压 OCV /V	质量 Mass /g	开路电压 OCV /V	Mass Loss /%	Residual OCV /%	现象 Other Event
001	1CYC完全充电 1CYC Fully charged	61.3210	4.24	61.3167	4.23	0.01	99.76	O
002	1CYC完全充电 1CYC Fully charged	61.0918	4.23	61.0863	4.22	0.01	99.76	O
003	1CYC完全充电 1CYC Fully charged	61.3002	4.23	61.2947	4.22	0.01	99.76	O
004	1CYC完全充电 1CYC Fully charged	61.3766	4.23	61.3719	4.22	0.01	99.76	O
005	1CYC完全充电 1CYC Fully charged	61.5082	4.22	61.5033	4.21	0.01	99.76	O
006	25CYC完全充电 25CYC Fully charged	61.6093	4.23	61.6042	4.22	0.01	99.76	O
007	25CYC完全充电 25CYC Fully charged	61.4241	4.23	61.4179	4.22	0.01	99.76	O
008	25CYC完全充电 25CYC Fully charged	61.3148	4.23	61.3094	4.22	0.01	99.76	O
009	25CYC完全充电 25CYC Fully charged	61.5123	4.23	61.5065	4.22	0.01	99.76	O
010	25CYC完全充电 25CYC Fully charged	61.6124	4.23	61.6074	4.22	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.

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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 /℃	其他现象 Other Event
001	1CYC完全充电 1CYC Fully charged	56.1	0
002	1CYC完全充电 1CYC Fully charged	57.2	0
003	1CYC完全充电 1CYC Fully charged	56.8	0
004	1CYC完全充电 1CYC Fully charged	57.6	0
005	1CYC完全充电 1CYC Fully charged	55.8	0
006	25CYC完全充电 25CYC Fully charged	55.7	0
007	25CYC完全充电 25CYC Fully charged	55.7	0
008	25CYC完全充电 25CYC Fully charged	57.1	0
009	25CYC完全充电 25CYC Fully charged	57.5	0
010	25CYC完全充电 25CYC Fully charged	57.3	0
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备注: D-解体 R-破裂 F-起火 0-无解体、无起火、无破裂。
Note: D-Disassembly R-Ruptur F-Fire O-No Disassembly,No Fire & No Rupture.

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 / °C	其他现象 Other Event
011	1CYC 50%容量 1CYC 50% Capacity	19.8	O
012	1CYC 50%容量 1CYC 50% Capacity	19.8	O
013	1CYC 50%容量 1CYC 50% Capacity	19.8	O
014	1CYC 50%容量 1CYC 50% Capacity	19.8	O
015	1CYC 50%容量 1CYC 50% Capacity	19.9	O
016	25CYC 50%容量 25CYC 50% Capacity	19.9	O
017	25CYC 50%容量 25CYC 50% Capacity	19.9	O
018	25CYC 50%容量 25CYC 50% Capacity	19.8	O
019	25CYC 50%容量 25CYC 50% Capacity	19.8	O
020	25CYC 50%容量 25CYC 50% Capacity	19.8	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.

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	
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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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检测报告-附表8
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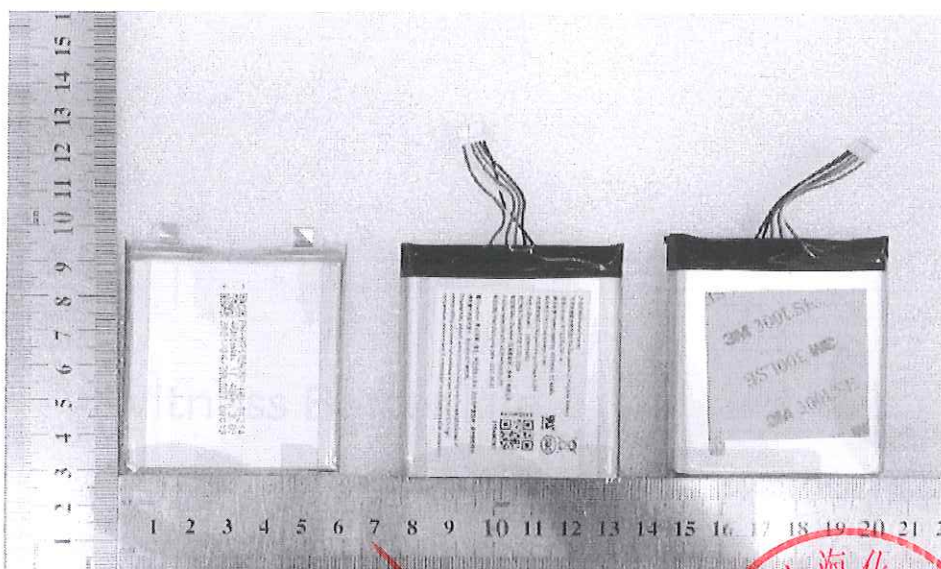
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序号 No.	8	检测项目名称 Name of Test Items	强制放电 Forced discharge
样品编号 Sample No.	样品状态 Sample Status	其他现象 Other Event	
029	1CYC完全放电 1CYC Fully discharged	O	
030	1CYC完全放电 1CYC Fully discharged	O	
031	1CYC完全放电 1CYC Fully discharged	O	
032	1CYC完全放电 1CYC Fully 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.			

上海化工院检测有限公司
检测报告-附图
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产品名称/Product name:
可充电锂聚合物电池/ Rechargeable Li-Polymer Battery
型号/Model: H765965P-A
额定容量/Rated capacity: 4600mAh 17.48Wh
标称电压/Nominal voltage: 3.8V
充电限制电压/Charge limiting voltage: 4.35V
Red(+) Black(-) 1ICP8/59/65
执行标准/Standard: GB 31241-2014
制造商/Manufacturer: 凤凰新能源(惠州)有限公司
PHENIX NEW ENERGY (HUIZHOU) CO., LTD.
制造日期/ Manufacturing date : 2021.04.02

MH64706

101900508



210400703

警示Caution: 禁止拆解、撞击、挤压或投入火中; 若出现严重鼓胀, 请勿继续使用, 请勿置于高温环境中, 电池浸水后严禁使用。

Disassembly, impact, extrusion or throwing into fire are prohibited. If severe swelling occurs do not continue to use. Do not put it in high temperature environment. It is forbidden to use batteries after immersion.

报告结束