



NO.1124090113

检测报告

Test Report

样品名称：可充式锂离子电池组 T2326-BD4A 46.8V 10.2Ah 477.36Wh

Name of Sample: Rechargeable Li-ion Battery Pack T2326-BD4A 46.8V
10.2Ah 477.36Wh

委托单位：广东省豪鹏新能源科技有限公司

Consignor: Guangdong Highpower New Energy 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. 1124090113

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样品名称 Name of Sample	中文 Chinese	可充式锂离子电池组 T2326-BD4A 46.8V 10.2Ah 477.36Wh	
	英文 English	Rechargeable Li-ion Battery Pack T2326-BD4A 46.8V 10.2Ah 477.36Wh	
样品编号 Sample No.	1124090113		
委托单位 Consignor	广东省豪鹏新能源科技有限公司 Guangdong Highpower New Energy Technology Co., Ltd.		
生产单位 Manufacturer	广东省豪鹏新能源科技有限公司 Guangdong Highpower New Energy Technology 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	黑色, 蓝色双色 塑胶及塑料薄膜外壳 Black and blue Plastics cement and plastics film shell		
样品接受日期 Accepted Date	2024-09-04	检测起迄日期 Test Date	2024-09-18 ~ 2024-10-25
检测项目 Test Items	高度模拟;热测试;振动;冲击;外短路;撞击;过充电;强制放电 Altitude simulation,Thermal test,Vibration,Shock,External short circuit,Impact,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): 2024-10-25		
备注 Comment	可充电锂电池组Rechargeable Lithium Battery.		
委托单位地址 Consignor Address	/		邮政编码 Post Code /

批准
Approver:
职务
Title:

许强

审核
Checker:

丁

编制
Compiler:

傅

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



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	撞击 Impact	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:20℃-25℃;环境湿度:/% Ambient temperature:20℃-25℃;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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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	2777.5	54.41	2777.5	53.82	0.00	98.92	O
002	1CYC完全充电 1CYC Fully charged	2775.0	54.41	2775.0	53.78	0.00	98.84	O
003	1CYC完全充电 1CYC Fully charged	2777.0	54.38	2777.0	53.77	0.00	98.88	O
004	1CYC完全充电 1CYC Fully charged	2773.0	54.41	2773.0	53.81	0.00	98.90	O
005	25CYC完全充电 25CYC Fully charged	2776.5	54.28	2776.5	53.71	0.00	98.95	O
006	25CYC完全充电 25CYC Fully charged	2774.5	54.41	2774.5	53.78	0.00	98.84	O
007	25CYC完全充电 25CYC Fully charged	2774.5	54.39	2774.5	53.79	0.00	98.90	O
008	25CYC完全充电 25CYC Fully charged	2772.5	54.36	2772.5	53.77	0.00	98.91	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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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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检测报告-附表7

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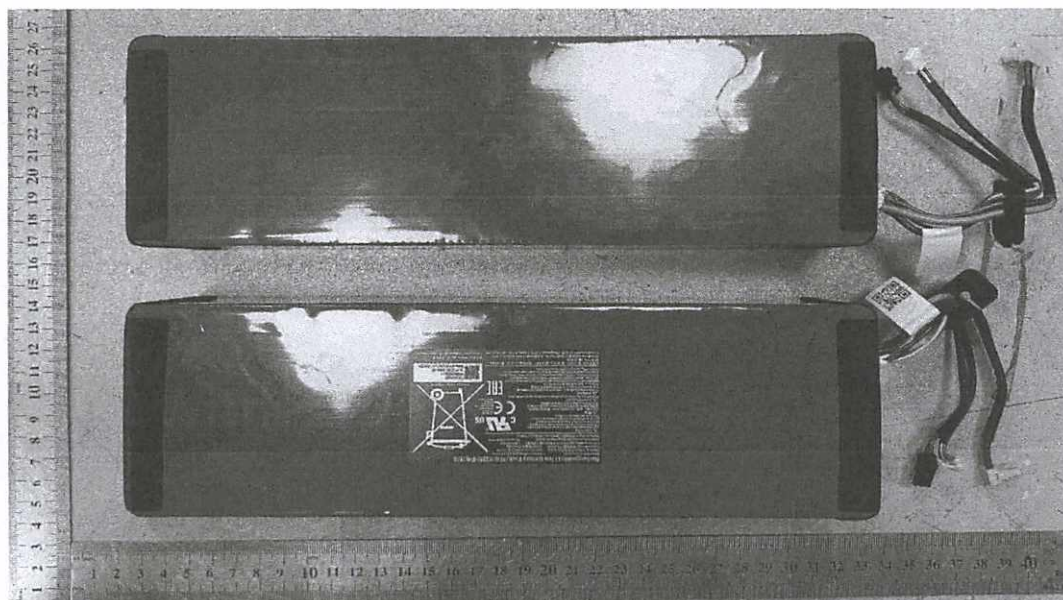
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上海化工院检测有限公司
检 测 报 告 - 附表8
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序号 No.	8	检测项目名称 Name of Test Items	强制放电 Forced discharge
样品编号 Sample No.	样品状态 Sample Status	其他现象 Other Event	
027	1CYC完全放电 1CYC Fully discharged	O	
028	1CYC完全放电 1CYC Fully discharged	O	
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	25CYC完全放电 25CYC Fully discharged	O	
038	25CYC完全放电 25CYC 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	
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.			

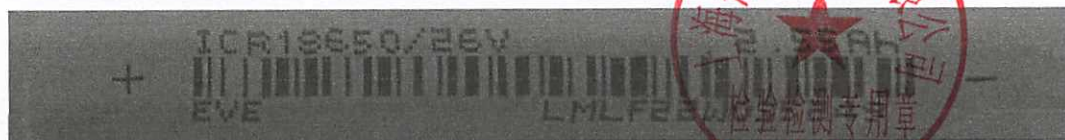
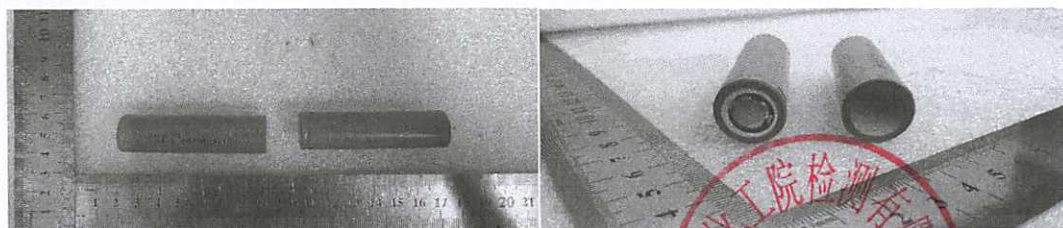


Rechargeable Li-ion Battery Pack/可充式锂离子电池组

Model/型号: T2326-BD4A Nominal Voltage/标称电压: 46.8VDC
Charging Voltage/充电电压: 54.6VDC Rated Capacity/额定容量: 10.2Ah
Nominal Energy/额定能量: 477.36Wh Weight/重量: 2.77 ± 0.3Kg
Fire Extinguishing agent/灭火剂: 水基灭火器 (绿色瓶) 13INR19/66-4
Water-based extinguishing agent (green bottle) Waterproof/防水: IPX6
Battery Category/电池类别: Light means of transport battery

制造商: 广东省豪鹏新能源科技有限公司

Manufacturer: Guangdong Highpower New Energy Technology Co., Ltd.



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报告结束