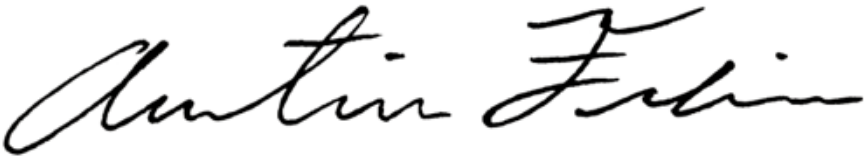


	UN38.3 Lithium Battery Test Summary
1	Battery Manufacturer <i>Confidential and Proprietary</i>
2	Product Manufacturer Garmin International, Inc. 1200 East 151st St. Olathe, KS 66062 913-440-1234 contact@garmin.com; www.garmin.com
3	Test Center Dongguan <u>Amperex</u> Technology Limited West Industrial Road 1#, <u>Songshan Lake Industry Park</u> Dongguan City, <u>Guangdong</u> Province, P.R. China Phone: +86-0769-88989149/88989550 www.atlbattery.com
4	Test Report Number RTN-UN-1608-014
5	Date of Test Report September 26, 20116
6	Description of Cell or Battery Battery Pack, Li-Ion, 3100mAh, IR
7	UN38.3 Tests Performed and Successfully Passed T.1, T.2, T.3, T.4, T.5, T.6, T.7, T.8
8	Assembled Battery Testing Requirements Not Applicable
9	Edition of UN Manual of Tests and Criteria Used Fifth Revised Edition
10	Name and Title of Signatory  Austin Francis Garmin Staff Engineer

Battery Type: Cell
Chemistry: Lithium Ion
Wt-HR: 11.78
Battery Weight: 49.6g



中国认可
国际互认
检测
TESTING
CNAS L3767

检测报告

Test Report

报告编号 (Report No.): RTN-UN-1608-036

样品名称: 锂离子电池

Sample Name: Li-ion battery

样品型号: 361-00107-00(694472)

Sample Model: 361-00107-00(694472)

委托单位: 东莞新能源科技有限公司

Consignor: Dongguan Amperex Technology Limited

东莞新能源科技有限公司测试中心

Dongguan Amperex Technology Limited Test Center





样品名称 Sample name	锂离子电池 Li-ion battery	测试类别 Test category	委托检测 After testing
样品型号 Sample model	361-00107-00(694472)	样品接收日期 Accepted date	2016-09-20
样品规格 Sample specification	3.80V 11.78Wh	测试开始日期 Test start date	2016-09-21
样品数量(个) Sample quantity(pcs)	156	测试结束日期 Test end date	2016-09-21
委托单位 Consignor	东莞新能源科技有限公司 Dongguan Amperex Technology Limited		
委托单位地址 Consignor address	中国广东省东莞市松山湖科技园工业西路1号 West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City, Guangdong Province, P. R. China		
制造商 Manufacturer	同委托单位 To entrust unit		
制造商地址 Manufacturer address	同委托单位地址 To entrust unit address		
测试环境条件 Test environment condition	环境温度: 15°C - 25°C; 环境湿度: 45%~75% Ambient temperature: 15°C - 25°C; Ambient humidity: 45%~75%		
样品外观 Appearance	白色塑料薄膜外壳 White plastic film shell		
包装情况说明 Packing method	长方形瓦楞纸箱 (371mm*258mm*200mm), 内装 156 颗锂电池。 Rectangle corrugated carton(371mm*258mm*200mm),containing 156 lithium ion batteries.		
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 规章范本》(18 修订版)特殊规定 188 条款 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations (18 th Rev. edition) special provisions 188		
测试项目 Test items	1.2 米跌落试验、包装件毛重测试 1.2m Drop test, Gross Weight Measure		
测试结论 Conclusion	被测试包装件能够承受 1.2 米跌落试验, 其内装的电池没有破损, 没有产生导致内装电池的直接接触的移动及内容物泄漏, 该包装件总重为 9.8 kg (毛重)。 The tested package is capable of withstanding a 1.2m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery or cell to cell contact and without release of contents. The weight of the package is 9.8 kg (gross weight)		
测试人员 Testers	蔡京晶 2016.9.23 钟少芳 2016.9.23		
编制人员 Compiler	陈雅 2016.9.23		
审核 Checker	刘城钦 2016.9.23		
批准 Approval	郭佳丽 2016.9.23		
	蔡京晶: 技术负责人 Cai JingJing: Technical Director 郭佳丽: 中心主任 Guo Jiali: Center Director		

东莞新能源科技有限公司
测试中心
Dongguan Amperex
Technology Limited Test
Center
(签章)
(signature)



序号 No.	检验项目名称 Name of test	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 Test conclusion	备注 Remark
1	1.2 米跌落试验 1.2m Drop Test	联合国《关于危险货物运输 的建议书 规章范本》(18 修 订版)特殊规定 188 条款 UNITED NATIONS “Recommendations on the TRANSPORT OF DANGEROUS GOODS” Model Regulations (18 th Rev. edition) special provisions 188	面跌落 Side drop	包装未破裂, 内装 物完好 The package is not cracked, the contents are not damaged and not shifted	合格 Pass	/
			棱跌落 Edge drop	包装未破裂, 内装 物完好 The package is not cracked, the contents are not damaged and not shifted		
			角跌落 Corner drop	包装未破裂, 内装 物完好 The package is not cracked, the contents are not damaged and not shifted		
2	包装件毛重 Gross Weight Measure	联合国《关于危险货物运输 的建议书 规章范本》(18 修 订版)特殊规定 188 条款 UNITED NATIONS “Recommendations on the TRANSPORT OF DANGEROUS GOODS” Model Regulations (18 th Rev. edition) special provisions 188	9.8 kg		合格 Pass	/
分包检验情况 Subcontracted test condition		检测项目 Test items	/			
		分包实验室 Subcontracted Laboratory	名称 Name	/	邮编 Post	/
			地址 Addr.	/	电话 Tel.	/

中测公司

测试样品图片

Test sample image

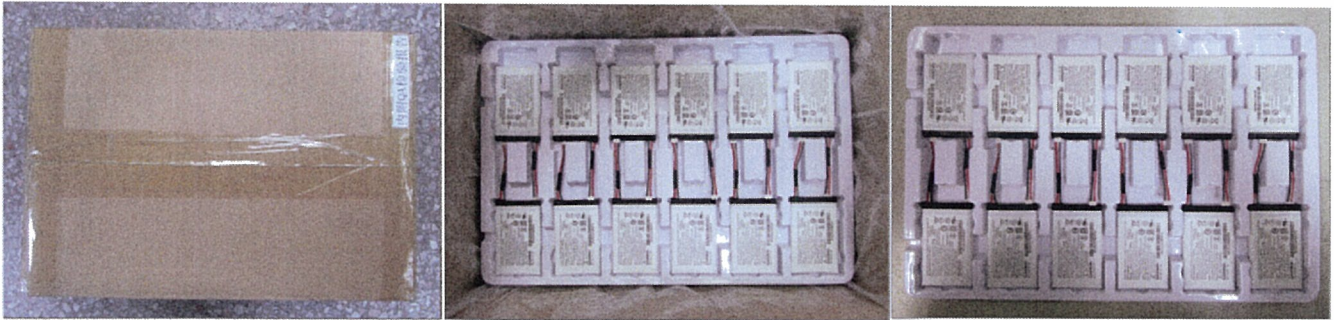


图 1: 包装件外部和内部
Figure 1: packaging are external and internal



图 2: 正面
Figure 2: positive



图 3: 反面
Figure 3: negative

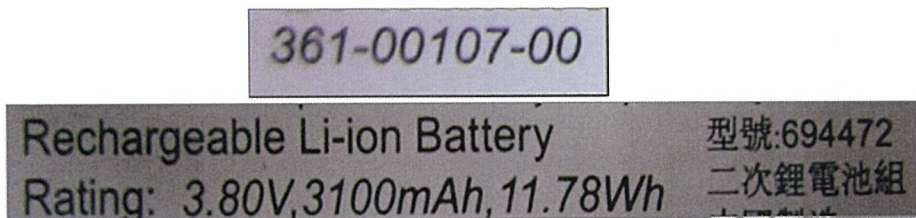


图 4: 标识
Figure 4: Logo

声明

Statement



1. 检测报告无本实验室公章无效。

The test report is invalid if not affixed the official seal of the laboratory to it.

2. 检测报告涂改无效。

The test report is invalid if it is blotted out.

3. 送样委托检测结果，仅对所送样品有效。

The conclusion of the consignment test is only valid for the provided sample.

4. 本报告未经本实验室书面许可，不可部分复制。

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东莞新能源科技有限公司测试中心

Dong guan Amperex Technology Limited Test Center

地址: 中国广东省东莞市松山湖科技园工业西路 1 号

Addr.: West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City,
Guangdong Province, P. R. China

电话 Tel. : +86-0769-88989149

传真 Fax.: +86-0769-88989483

网址 Website : www.atlbattery.com