

Battery Pack Test Report ***(Package Drop & UN38.3)***

Customer: Lenovo

Pack Model: L17C4P72

Nominal voltage: 15.36V

Nominal capacity: 5235mAh/ 80Wh

Configuration: 4S1P

Customer P/N: SB10Q76929

Celxpert P/N: 921300182

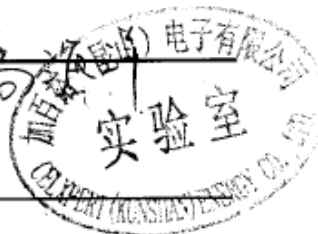
Cell Type: Coslight 3367E0G 5235mAh

Dec. 20 . 2018

Approved by _____

Reviewed by _____

Prepared by _____





UN38.3 试验概要

UN38.3 Test Summary



单位信息 Company information			
委托单位 Consignor	加百裕(昆山)电子有限公司 Celxpert (Kunshan) Energy Co.,Ltd 江苏省昆山市玉山镇汉浦路1111号 NO.1111, Hanpu Road, Yushan Town, Kunshan City, Jiangsu Province, P.R. China 0512-57775999-8239 frank_gao@cn.celxpert.com www.celxpert.com.tw		
生产单位 Manufacturer	加百裕(昆山)电子有限公司 Celxpert (Kunshan) Energy Co.,Ltd 江苏省昆山市玉山镇汉浦路1111号 NO.1111, Hanpu Road, Yushan Town, Kunshan City, Jiangsu Province, P.R. China 0512-57775999-8239 frank_gao@cn.celxpert.com www.celxpert.com.tw		
测试单位 Test lab	加百裕(昆山)电子有限公司 Celxpert (Kunshan) Energy Co.,Ltd 江苏省昆山市玉山镇汉浦路1111号 NO.1111, Hanpu Road, Yushan Town, Kunshan City, Jiangsu Province, P.R. China 0512-57775999-8239 frank_gao@cn.celxpert.com www.celxpert.com.tw		
电池信息 Battery information			
名称 Name	二次锂电池组/锂电池/锂离子电池/锂离子电池组/充电电池/锂电池组/可充电式锂离子电池组 Rechargeable Li-ion battery	品牌 Brand	Lenovo
型号 Type	L17C4P72	原始测试型号 Original tested type	/
标称电压(V) Nominal voltage	15.36V	容量/能量 Capacity/energy	nominal 5235mAh 80Wh rated 5080mAh 78Wh
描述 Description	可充电锂离子电池组 Rechargeable Li-ion battery	锂含量(g) Li content	/
质量(kg) Mass	0.315	外观 Appearance	黑色塑胶及塑料薄膜外壳 black plastics cement and plastic film shell
测试信息 Test information			
原报告编号 Original test report No.	CPK-Lab-UN383PACK18005	测试报告日期 Date of test report	2018-01-19
测试标准 Test standard	联合国《关于危险货物运输的建议书 试验和标准手册》第38.3章 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria 38.3 ST/SG/AC.10/11/Rev.6		
T.1 高度模拟 Altitude simulation	合格 Passed	T.2 温度测试 Thermal test	合格 Passed
T.3 振动测试 Vibration	合格 Passed	T.4 冲击测试 Shock	合格 Passed
T.5 外部短路 External short circuit	合格 Passed	T.6 挤压 Crush	合格 Passed
T.7 过度充电 Overcharge	合格 Passed	T.8 强制放电 Forced discharge	合格 Passed
38.3.3 (f)	/	38.3.3 (g)	/



2. UN38.3 Test Report

Test Period	2018/01/02~2018/01/17		Test Spec.	ST/SG/AC.10/11/Rev.6	
Parts Name	Battery Pack	Application	NB	Quantity	Pack 16PCS/Cell 25pcs

2.1 Test Summary

Item	Test Item	Test Result	Details
T1	Altitude simulation test (UN38.3-1)	Pass	Page 9
T2	Thermal test (UN38.3-2)	Pass	Page 10
T3	Vibration test (UN38.3-3)	Pass	Page 11
T4	Shock test (UN38.3-4)	Pass	Page 12
T5	Short Circuit test (UN38.3-5)	Pass	Page 13
T6	Crush Test (UN38.3-6)	Pass	Page 13
T7	Overcharge test (UN38.3-7)	Pass	Page 14
T8	Forced discharge test (UN38.3-8)	Pass	Page 15

The battery pack passes UN38.3 test.