

Celxpert Energy(KunShan)Corporation

Battery Pack

UN38.3 Test Report

Customer:	Lenovo
Model:	L19C4PG1
Rating:	15.36V
Capacity:	Rated:2915mAh/44.7Wh
	Typical:2995mAh/46Wh
Issue Date:	June.24.2019





UN38.3 试验概要

UN38.3 Test Summary

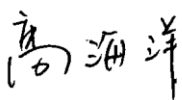
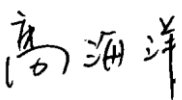


单位信息 Company information			
委托单位 Consignor	加百裕(昆山)电子有限公司 Celxpert (Kunshan) Energy Co.,Ltd 江苏省昆山市玉山镇汉浦路 1111 号 NO.1111, Hanpu Road, Yushan Town, Kunshan City, Jiangsu Province, P.R. China 0512-57775999-8239 frank_gao@cn.celxpert.com www.celxpert.com.tw		
生产单位 Manufacturer	加百裕(昆山)电子有限公司 Celxpert (Kunshan) 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	L19C4PG1	原始测试型号 Original tested type	/
标称电压(V) Nominal voltage	15.36V	容量 Capacity	2915mAh 44.7Wh
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	0.183	外观 Appearance	黑色塑胶及塑料薄膜外壳 black plastic cement and plastic film shell
测试信息 Test information			
原报告编号 Original test report No.	CPK-Lab-UN383PACK19017-A	测试报告日期 Date of test report	2019-06-24
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/Amend.1		
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)	/



1.UN38.3 Lithium Battery Test Summary

Edition of UN Manual of Tests and Criteria Used		ST/SG/AC.10/11/Rev.6/Amend.1	
Customer	Lenovo	Sample type	Rechargeable Li-ion Battery
Model Name	L19C4PG1	Pack Configuration	4S1P
Rating	15.36V	Battery weight	182.35g
Cell Factory/Model	ATL 4041B0 2995mAh	Physical Description	Polymer
Factory Address	Hi-Tech Industrial Park, 1111 Hanpu Rd, Kun Shan, Jiangsu 215316, China	Laboratory Address	Hi-Tech Industrial Park, 1111 Hanpu Rd, Kun Shan, Jiangsu 215316, China
Factory Name	Celxpert (kunshan) Energy.,Ltd	Laboratory Name	CPK LAB
Factory Tel	+86-512-57775999	Laboratory Tel	+86-512-57775999
Factory E-mail	Frank_Gao@cn.celxpert.com	Lab E-mail	Frank_Gao@cn.celxpert.com
Factory Web	www.celxpert.com.tw	Laboratory Web	www.celxpert.com.tw
Client Date	2019-06-05	Completing Data	2019-06-21
Item	Test Item		Test Result(Pass/Fail)
38.3.4.1 T1	Altitude simulation		Pass
38.3.4.1 T2	Thermal		Pass
38.3.4.1 T3	Vibration		Pass
38.3.4.1 T4	Shock		Pass
38.3.4.1 T5	External Short Circuit		Pass
38.3.4.1 T6	Impact/Crush		Pass
38.3.4.1 T7	Overcharge		Pass
38.3.4.1 T8	Forced Discharge		Pass

Approved By	Checked By	Prepared By
		
Section manager	Section manager	Engineer