

Celxpert Energy(KunShan)Corporation

Battery Pack

UN38.3 Test Report

Customer:	Lenovo
Model:	L19C4PDB
Nominal voltage:	15.44 V
Rating Capacity:	Rated:3830mAh/58Wh Typical:3912mAh/60Wh
Issue Date:	Mar ,30 2020





UN38.3 试验概要

UN38.3 Test Summary



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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 電池/锂离子電池組/充電電池/ 锂电池組/可充電式锂离子電 池組 Rechargeable Li-ion Battery L19C4PDB	品牌 Brand	Lenovo
型号 Type	L19C4PDB	原始测试型号 Original tested type	/
标称电压(V) Nominal voltage	15.44	容量/能量 Capacity/energy	Typical Capacity 3912mAh/60Wh, Rated Capacity 3830mAh/58Wh
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	0.243	外观 Appearance	黑色塑料薄膜外壳 Black plastic film shell
测试信息 Test information			
原报告编号 Original test report No.	CPK-Lab-UN383PACK20016- A1	测试报告日期 Date of test report	2020-03-30
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/Ame nd.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	L19C4PDB	Pack Configuration	4S1P
Rating	Rated:3830mAh/58Wh Typical:3912mAh/60Wh	Battery weight	242g
Cell Factory/Model	ATL 615866 3830mAh	Physical Description	Prismatic
Factory Address	NO.1111, Hanpu Road, Yushan Town, Kunshan City, Jiangsu Province, P.R. China	Laboratory Address	NO.1111, Hanpu Road, Yushan Town, Kunshan City, Jiangsu Province, P.R. China
Factory Name	Celxpert (kunshan) Enengy.Co,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	2020/2/27	Completing Data	2020/3/28
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	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