

# Declaration of Lion Batteries

## Declaration of LiON Batteries

The undersigned, representing the following manufacturer:

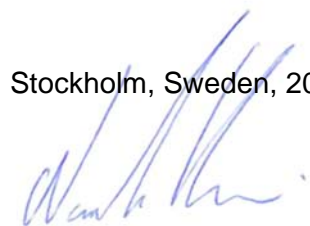
Eloflex AB  
Org.No: 559071-5164  
Hammarbacken 4B  
191 49 Sollentuna  
SWEDEN

Herewith declares that the product

## LiON battery

Which is applicable to Eloflex power wheelchairs model M-Plus, L, L-Plus, F, P and X is a LiON battery from Hangzhou Dongjian Energy Tech which is certified by IATA.

Stockholm, Sweden, 2019-01-01

A handwritten signature in blue ink, appearing to read 'Navid Khosravi'.

Navid Khosravi  
CEO

## UN38.3 Lithium Battery Test Report

This Test Report is valid for all Lithium batteries included in Eloflex Electrical Wheelchairs model M-Plus, L, L-Plus, F and P.



This document confirms that the Lithium batteries included in the Eloflex wheelchairs meet all the demands made by IATA for transport by air of lithium batteries regards to the test UN38.3



锂电池 UN38.3 测试报告  
Lithium Battery UN38.3 Test Report

委托单位(Client) : 杭州东建能源科技有限公司  
Hangzhou Dongjian Energy Tech Co., Ltd

生产工厂  
(Manufacturer) : 杭州东建能源科技有限公司  
Hangzhou Dongjian Energy Tech Co., Ltd

样品名称(Product) : 锂离子充电电池组  
Li-ion Rechargeable Battery Pack

样品型号(Model) : DJ-2410

接收日期 : 2016 年 05 月 19 日  
Date of Receipt : May. 19, 2016

检测日期 : 2016 年 05 月 19 日至 2016 年 06 月 07 日  
Date of Test : May. 19, 2016 to Jun. 07, 2016

批 准 : 朱培华  
(Approved Signatory)

审核 : 吴荣新  
Checked by

检测 : 朱洁  
Tested by

报告专用章  
Stamp







深圳安博检测股份有限公司  
Shenzhen Anbotek Compliance  
Laboratory Limited

报告编号:R011605870B  
Report No.

第 2 页, 共 16 页  
Page of

1. 样品描述(SAMPLE DESCRIPTION):

样品名称: Sample Name	锂离子充电电池组 Li-ion Rechargeable Battery Pack		电池型号: Battery Model	DJ-2410	
委托单位: Client	杭州东建能源科技有限公司 Hangzhou Dongjian Energy Tech Co., Ltd				
委托方地址: Add. Of Client	浙江省杭州市萧山区瓜沥镇群力村 12-21Qunli Village, Guali Town , Hangzhou ,Zhejiang China				
生产工厂: Manufacturer	杭州东建能源科技有限公司 Hangzhou Dongjian Energy Tech Co., Ltd				
标称电压 Nominal Voltage	25.2V	额定容量 Rated Capacity	10Ah 259Wh	商标 Trademark	
充电电流 Charge Current	2A	最大连续 充电电流 Maximum Continuous Charge Current	10A	充电截止电流 End Charge Current	0.2A
终止电压 Cut-off Voltage	21.0V	最大放电电流 Maximum Discharge Current	10A	充电限制电压 Limited Charge Voltage	29.4V
内含电芯个数 Cells Number	7	电芯型号 Cell Model	1168130	电芯额定容量 Cell Rated Capacity	10Ah
测试开始日期 Client date	2016年05月19日 May. 19, 2016		测试结束日期 Finished date	2016年06月07日 Jun. 07, 2016	

2. 参考方法 (REFERENCE METHOD)

《联合国关于危险货物运输的建议书—试验和标准手册》  
(ST/SG/AC.10/11/Rev.5/Amend.1&ST/SG/AC.10/11/Rev.5/Amend.2)  
《United Nations Recommendations On The Transport Of Dangerous Goods, Manual Of Tests And  
Criteria》(ST/SG/AC.10/11/Rev.5/Amend.1&ST/SG/AC.10/11/Rev.5/Amend.2).



报告编号:R011605870B  
Report No.第 3 页, 共 16 页  
Page of**3. 测试项目 (TEST ITEM)**

- |                               |                                 |
|-------------------------------|---------------------------------|
| 1. 高度模拟 (Altitude simulation) | 5. 外部短路(External short circuit) |
| 2. 温度试验(Thermal test)         | 6. 挤压(Crush)                    |
| 3. 振动(Vibration)              | 7. 过度充电(Overcharge)             |
| 4. 冲击(Shock)                  | 8. 强制放电(Forced discharge)       |

**4. 本次检测所使用的设备清单:**

Major instruments of measurement used in the test:

设备名称/型号 Name of equipment /Model	编号 Serial No.	校准有效期 Due Date
模拟高空低压试验箱 Low Pressure Test Machine BE-DY-125	SE-132	2017-03-10
快速温变箱 High and Low Temperature Chamber BE-THK-150M8	SE-137	2017-03-10
振动台 Vibration Machine EV103VT650VC Susb-2	SE-439	2016-10-19
机械冲击台 Shock Machine HSKT-10	SE-440	2016-10-19
温控型短路试验机 Thermostat Short-circuit Testing Machine BE-1000W	SE-133	2017-03-10
挤压试验机 Crush Machine BE-6045	SE-135	2017-03-10
25V10A 电池充放电仪 Battery Charge and Discharge Machine CT-3008-25V10A-NA	SE-172	2016-10-19





深圳安博检测股份有限公司  
Shenzhen Anbotek Compliance  
Laboratory Limited

报告编号:R011605870B  
Report No.

第 4 页, 共 16 页  
Page of

5. 检测地点、环境条件

Place and Environmental Conditions of the test

地点: 深圳安博检测股份有限公司电池实验室  
Place

温度 (20±5) °C  
Temperature

相对湿度 (40~70) %RH  
R.H.

6. 测试结论(CONCLUSION)

测试项目 ITEM	样品编号 SAMPLE NUMBER	执行标准 STANDARD	结论 CONCLUSION
高度模拟 (Altitude simulation)	B1~B4, B5~B8	UN38.3	通过 (PASS)
温度试验(Thermal test)			通过 (PASS)
振动(Vibration)			通过 (PASS)
冲击(Shock)			通过 (PASS)
外部短路 (External short circuit)			通过 (PASS)
挤压(Crush)	C21~C25		通过 (PASS)
过度充电(Overcharge)	B1~B4, B5~B8		通过 (PASS)
强制放电 (Forced discharge)	C1~C10, C11~C20		通过 (PASS)

说明(Notes):

- B1~B4 为第一个充放电周期完全充电状态的电池;  
Batteries at first cycle in fully charged states;
- C21~C25: 为第一个充放电周期 50%设计额定容量状态的电芯;  
Cells at first cycle at 50% of the design rated capacity;
- C1~C10: 为第一个充放电周期完全放电状态的电芯;  
Cells at first cycle in fully discharged states;
- B5~B8: 为 50 个充放电周期后完全充电状态的电池;  
Batteries after 50 cycles ending in fully charged states;
- C11~C20: 为 50 个充放电周期后完全放电状态的电芯;  
Cells after 50 cycles ending in fully discharged states.



声明 (DECLARATION)

1. 测试参考文件: 《联合国关于危险货物运输的建议书—试验和标准手册》  
(ST/SG/AC.10/11/Rev.5/Amend.1&ST/SG/AC.10/11/Rev.5/Amend.2)

《United Nations Recommendations On The Transport Of Dangerous Goods, Manual Of  
Tests And Criteria》(ST/SG/AC.10/11/Rev.5/Amend.1&ST/SG/AC.10/11/Rev.5/Amend.2).

2. 测试实验室: 深圳安博检测股份有限公司

地址: 广东省深圳市宝安区西乡街道后瑞第三工业区A栋四楼东

Test place Lab: Shenzhen Anbotek Compliance Laboratory Limited

East of 4/F., Building A, Hourui No.3 Industrial Zone, Xixiang Street, Bao'an District,  
Shenzhen, Guangdong, China

3. 本报告不能修改和删除。

This report shall not be revised and deleted.

4. 本报告出现的试验结果仅与试验样品有关。

The results only related to the items tested.

5. 本报告在未经深圳安博检测股份有限公司书面许可情况下不能用于宣传、广告之用。

This report shall not be published as advertisement without the approval of Shenzhen  
Anbotek Compliance Laboratory Limited.

6. 除非全部复制, 否则无深圳安博检测股份有限公司书面批准本报告不得部分复制。

This report shall not be copied partly without the written approval of Shenzhen Anbotek  
Compliance Laboratory Limited.

\*\*\*\*\*报告结束\*\*\*\*\*

End of report