

## P/N: T911982

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### Website

<http://www.flir.com>

### Customer support

<http://support.flir.com>

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<b>General</b>	
Rechargeable battery for the FLIR Si124 Acoustic Imaging camera.	
<b>Physical data</b>	
Weight	0.90 kg (1.98 lbs)
Size (L x W x H)	92 x 66 x 145 mm (3.6 x 2.6 x 5.7 in)
<b>Power system</b>	
Battery type	Li Po
Battery voltage	12 V
Battery capacity	7 Ah
<b>Shipping information</b>	
Packaging type	Cardboard box
List of contents	<ul style="list-style-type: none"> <li>Battery</li> <li>Battery pouch</li> </ul>
Packaging weight	2.2 kg (4.85 lb)
Packaging size	260 x 140 x 300 mm (10.2 x 5.5 x 11.8 in)
EAN-13	7332558027271
UPC-12	845188023348
Country of origin	Finland

### Compatible with the following products:

- T911970; FLIR Si124

**SAFETY DATA SHEET**  
**LITHIUM PHOSPHATE (LiFePO<sub>4</sub>)**

**1. PRODUCT IDENTIFICATION**

Product Name: LiFePO<sub>4</sub> Rechargeable Battery  
Chemical System: LiFePO<sub>4</sub>

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

IMPORTANT NOTE: The battery cell should not be opened or exposed to heat as exposure to the following ingredients contained within could be harmful under some circumstances.

Weight %	Component	CAS No.	PEL	TLV
40	Lithium Iron Phosphate (LiFePO <sub>4</sub> )	15365-14-7	10.0 mg/m <sup>3</sup> (as iron fume)	5.0 mg/m <sup>3</sup>
30	Graphite(C)	7440-44-0	2.5mg/m <sup>3</sup> (as dust)	2.0mg/m <sup>3</sup> (as dust)
10	Organic Electrolyte	N.A	None Established	None Established
5	Aluminium	7429-90-5	None Established	None Established
5	Copper	7440-50-8	None Established	None Established

Weight % listed is based on approximate percent of the average weight of the battery

**3. HAZARDS IDENTIFICATION**

For the battery cell, chemical materials are stored in a hermetically sealed Aluminum laminated case, designed to withstand temperatures and pressures encountered during normal use. As a result, during normal use, there is no physical danger of ignition or explosion and chemical danger of hazardous materials' leakage.

However, if exposed to a fire, added mechanical shocks, decomposed, added electric stress by miss-use, the gas release vent will be operated. The battery cell case will be breached and hazardous materials may be released.

Moreover, if heated strongly by the surrounding fire, hydrogen fluoride gas may be emitted.

Most important hazards and effects

Human health effects:

- Inhalation: The steam of the electrolyte has an anesthesia action and stimulates a respiratory tract.
- Skin contact: The steam of the electrolyte stimulates skin. The electrolyte skin contact causes a sore and stimulation on the skin.
- Eye contact: The steam of the electrolyte stimulates eyes. The electrolyte eye contact causes a sore and stimulation on the eye. Especially, strong inflammation of the eyes is caused.

Environmental effects: Do not throw out it into the environment.

Specific hazards:

If the electrolyte contacts with water, it will generate detrimental hydrogen fluoride.

Since the leaked electrolyte is inflammable liquid, do not bring close to fire.

**4. FIRST-AID MEASURES**

Spilled internal cell materials

Inhalation: Make the victim blow his/her nose, gargle. Seek medical attention if necessary.

Skin contact: Remove contaminated clothes and shoes immediately. Wash extraneous matter or contact region with soap and plenty of water immediately.

Eye contact: Do not rub in eyes. Immediately flush eyes with water continuously for at least 15 minutes. Seek medical attention immediately.

Ingestion: Make the victim vomit. Seek medical attention.

# UN38.3 Test Summary

## UN38.3 试验概要

<b>UN38.3 Report No.</b> UN38.3 报告编号	TCT200407B017		
<b>Applicant's name</b> 委托方名称	Deben Group Industries Ltd.		
<b>Applicant's Address</b> 委托方地址	Avocet House, Wilford Bridge Road, Melton, Woodbridge, IP12 1RB United Kingdom		
<b>Manufacturer's name</b> 制造商名称			
<b>Manufacturer's Address</b> 制造商地址			
<b>Manufacturer's Contact Telephone</b> 制造商联系电话			
<b>Name of Sample</b> 样品名称	Rechargeable Li-ion Battery 可充电锂离子电池	<b>Model</b> 型号	BP2607
<b>Trade Mark</b> 商标	---	<b>Shape</b> 形状	Prismatic 棱柱形
<b>Watt-hour</b> 瓦时	89.6Wh	<b>Sample Mass</b> 样品重量	920.0g
<b>Description</b> 描述	Lithium ion Batteries 锂离子电池组	<b>Date of Test Report</b> 测试报告签发日期	2020. 04. 21

### Test Standard 检测标准:

UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS Manual of Tests and Criteria" Sixth revised edition Amendment 1 (ST/SG/AC.10/11/Rev.6/Amend.1)  
联合国《关于危险货物运输的建议书 试验和标准手册》第六修订版修正 1 (ST/SG/AC.10/11/Rev.6/Amend.1)

Testing Laboratory 测试实验室:

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38.3.3 (f)	/	38.3.3 (g)	/
<b>Approved by</b> 批准人	Allen Qin 秦超 Manager 经理	<i>Allen Qin 秦超</i>	<b>Date of Issue</b> 签发日期



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38.3.3 (f)	/	38.3.3 (g)	/
<b>Approved by</b> 批准人	Allen Qin 秦超 Manager 经理	<i>Allen Qin 秦超</i>	<b>Date of Issue</b> 签发日期



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## Test item & Conclusion 测试项目和结论:

Test item 项目	Conclusion 结论	Test item 项目	Conclusion 结论
T.1. <input checked="" type="checkbox"/> Altitude simulation 高度模拟	Pass 合格	T.5. <input checked="" type="checkbox"/> External short circuit 外部短路	Pass 合格
T.2. <input checked="" type="checkbox"/> Thermal test 温度试验	Pass 合格	T.6. <input type="checkbox"/> Impact / <input checked="" type="checkbox"/> Crush 撞击/挤压	Pass 合格
T.3. <input checked="" type="checkbox"/> Vibration 振动	Pass 合格	T.7. <input checked="" type="checkbox"/> Overcharge 过充电	Pass 合格
T.4. <input checked="" type="checkbox"/> Shock 冲击	Pass 合格	T.8. <input checked="" type="checkbox"/> Forced discharge 强制放电	Pass 合格
38.3.3 (f)	/	38.3.3 (g)	/

<b>Approved by</b> 批准人	Allen Qin 秦超 Manager 经理	<i>Allen Qin 秦超</i>	<b>Date of Issue</b> 签发日期	
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