

FLIR Si124 Rechargeable battery

P/N: T911982

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Website

http://www.flir.com

Customer support

http://support.flir.com

Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



General	
Rechargeable battery for the FLIR Si124 Acoustic II	maging camera.

Physical data	
Weight	0.90 kg (1.98 lbs)
Size $(L \times W \times H)$	92 × 66 × 145 mm (3.6 × 2.6 × 5.7 in)

Power system	
Battery type	Li Po
Battery voltage	12 V
Battery capacity	7 Ah

Shipping information	
Packaging type	Cardboard box
List of contents	Battery Battery pouch
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

1 (22) www.flir.com



Avocet House, Wilford Bridge Road, Woodbridge, Suffolk, IP12 1RB Tel: +44 (0)1394 387762 Fax: +44 (0)1394 386255

Email: info@tracerpower.com www.tracerpower.com

SAFETY DATA SHEET LITHIUM PHOSPHATE (LiFePO₄)

1. PRODUCT IDENTIFICATION

Product Name: LiFePO₄ Rechargeable Battery

Chemical System: LiFePO₄

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 ₄)	15365-14-7	10.0 mg/m3 (as iron fume)	5.0 mg/m3
30	Graphite(C)	7440-44-0	2.5mg/m3(as dust)	2.0mg/m3(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 fluorite 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

UN38.3 Report No. UN38.3 报告编号	TCT200407B017		
Applicant's name 委托方名称	Deben Group Industries Ltd.	6	3)
Applicant's Address 委托方地址	Avocet House, Wilford Bridge Road, M	elton, Woodbridge,	IP12 1RB United Kingdon
Manufacturer's name 制造商名称			
Manufacturer's Address 制造商地址			
Manufacturer's Contact Telephone 制造商联系电话			
Name of Sample 样品名称	Rechargeable Li-ion Battery 可充电锂离子电池	Model 型号	BP2607
Trade Mark 商标	(C) - (C)	Shape 形状	Prismatic 棱柱形
Watt-hour 瓦时	89.6Wh	Sample Mass 样品重量	920.0g
Description 描述	Lithium ion Batteries 锂离子电池组	Date of Test Report 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)

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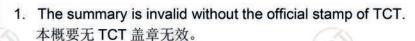
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38.3.3 (f)	I. (38.3.3 (g)	1





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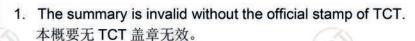
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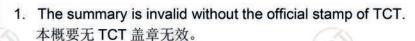
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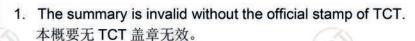
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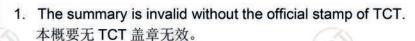
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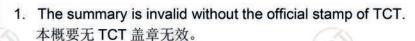
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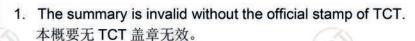
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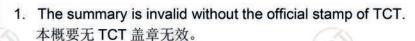
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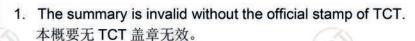
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T.3.	Pass 合格	T.7. 図Overcharge 过充电	Pass 合格
T.4. ⊠Shock 冲击	Pass 合格	T.8. ⊠Forced discharge 强制放电	Pass 合格
38.3.3 (f)	I. (38.3.3 (g)	1





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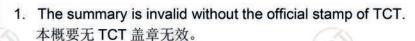
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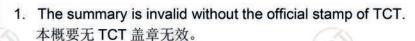
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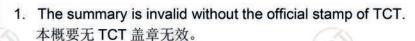
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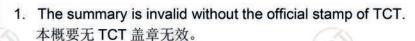
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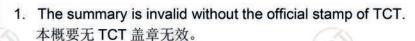
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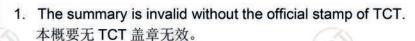
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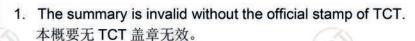
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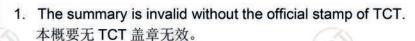
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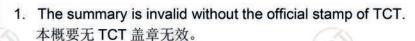
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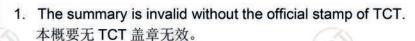
Test item & Conclusion	测试项目和结论:
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Test item 项目	Conclusion 结论	Test item 项目	Conclusion 结论
T.1. ⊠Altitude simulation 高度模拟	Pass 合格	T.5. ⊠External short circuit 外部短路	Pass 合格
T.2. ☑Thermal test 温度试验	Pass 合格	T.6. □Impact / ⊠Crush 撞击/挤压	Pass 合格
T.3.	Pass 合格	T.7. 図Overcharge 过充电	Pass 合格
T.4. ⊠Shock 冲击	Pass 合格 T.8. ⊠Forced discharge 强制放电		Pass 合格
38.3.3 (f)	I. (38.3.3 (g)	1





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