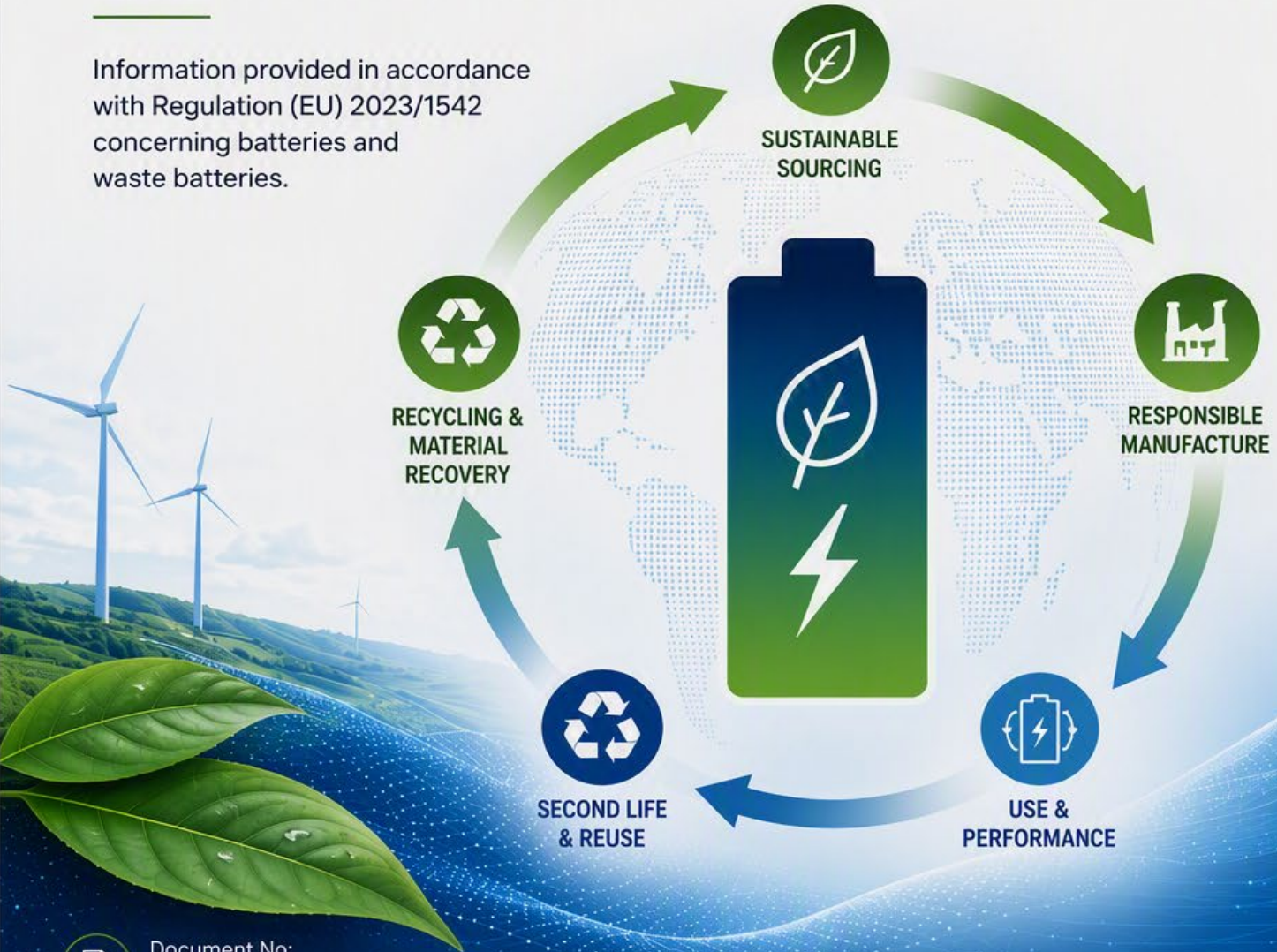
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Battery Information

Regulation (EU) 2023/1542

Information provided in accordance with Regulation (EU) 2023/1542 concerning batteries and waste batteries.



Document No: 1630B_05056567500021_EUD_EN

Issue: D1

Date: 22 October 2026

Product: VR420A, Lithium-ion Battery, 93.6 Wh

EU 2023/1542

COMPLIANCE | TRANSPARENCY | SUSTAINABILITY | CIRCULAR ECONOMY

Introduction

Scope

This document is provided in accordance with Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC. It is issued by Accutronics Ltd., trading as Ultralife UK in fulfilment of its obligations as an economic operator under the Regulation.

The battery that is the subject of this document is classed as an industrial battery (as defined by Regulation (EU) 2023/1542, Article 3(13) based on its intended use). The battery has a capacity of less than 2 kWh. This document contains the EU Declaration of Conformity required by Article 18. A battery passport is not required as the battery is neither (i) an LMT battery, (ii) an industrial battery with a capacity greater than 2 kWh or (iii) an electric vehicle battery.

Product and Document References

Product	VR420A, Lithium-ion Battery, 93.6 Wh		
Document No.	1630B_05056567500021_EUD_EN	**Issue**	D1
Date	22 October 2026		

Document Contents

- Technical Information Click
- EU Declaration of Conformity Click
- Supporting Information Click
- Waste Management Click
- Quality Management System Click

Contact Details

Address	**Ultralife UK** Unit 20 Loomer Road, Chesterton Newcastle-under-Lyme, Staffordshire United Kingdom, ST5 7LB	
Telephone	+44 (0)1782 566 622	
Email / Website	sales@ulbi.co.uk	ulbi.co.uk

Product Image



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Technical Information

Product References	Model	**VR420A**		
	Brand	Entellion		
	OEM Part No.	Not assigned		
	Manufacturer's Part No.	46A051AJ00018		
Technology and Ratings	Chemistry	Rechargeable Lithium-ion Battery		
	Electrical Ratings	14.4 V (typ.)	6.5 Ah (min.)	93.6 Wh (min.)
	IEC Designation	4INR19/66-2		
	EU Classification	Industrial battery (less than 2 kWh)		
Charging	Type	Constant Current (CC) / Constant Voltage (CV)		
	Charger type	Charge only with a SMBus compliant Level 2 or Level 3 smart charger		
	Current / Voltage	3.0 A (max.)	16.8 V (max.)	
	Temperature	0 °C to +45 °C		
Discharging	Cut-off Voltage	10.0 V (min.)		
	Current	6.2 A (max.)		
	Temperature	-10 °C to +60 °C		
Storage	Temperature	-20 °C to +60 °C		
Mechanical	Dimensions	87.9 mm × 152.0 mm × 22.8 mm (typ.)		
	Weight	0.495 kg (typ.)		
	Enclosure	Black ABS/PC injection moulded plastic		
Batch Information	Date of Manufacture	See battery label (Figure 1) stating: DATE OF MANUFACTURE: YYYY-MM-DD		
	Serial Number	See battery label (Figure 1) stating: SERIAL NUMBER: NNNNN		
	Battery Label (Figure 1)	PART NUMBER: 46A051AJ00018 DATE OF MANUFACTURE: YYYY-MM-DD DEVICE NAME: SW-014-HW-001 SERIAL NUMBER: NNNNN		
Transportation	Certification	UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Part III, subsection 38.3 (ST/SG/AC.10/11/Rev.8)		
	UN Proper Shipping Name(s)	UN3480	LITHIUM ION BATTERIES	
		UN3481	LITHIUM ION BATTERIES PACKED WITH EQUIPMENT	
		UN3481	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT	

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Information to user	**Warning:** Lithium-ion rechargeable battery. Charge only with a SMBus compliant Level 2 or Level 3 charger. Charge before use. Store in a cool, dry and well-ventilated area. Do not heat above 80 °C. Do not open battery, dispose of in fire or short circuit – may ignite, explode or get hot causing personal injury. Replace battery with same part number only. Use of another battery may present a risk of fire or explosion. Keep away from children. 0% Hg, 0% Cd, 0% Pb. Must be recycled or disposed of properly. Recycle facilities may not be available in all areas.	
Product Compliance and Related Environmental Legislation	Safety	IEC 62133-2:2017+AMD1:2021
		UL 2054
	Other	EMC Directive 2014/30/EU
		RoHS Directive 2011/65/EU, as amended by Commission Delegated Directive (EU) 2015/863
		REACH Regulation (EC) No 1907/2006
		WEEE Directive 2012/19/EU
		Regulation (EU) 2023/1542
Country of Origin		United Kingdom
NSN		Not assigned
GTIN		05056567500021
10-digit Commodity / Harmonised Tariff Code		8507600090

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EU Declaration of Conformity

The following EU Declaration of Conformity is provided in accordance with Article 18 of Regulation (EU) 2023/1542, concerning batteries and waste batteries.

Declaration Number	1630B-DoC-003		
Model	VR420A		
Brand	Entellion		
OEM Part Number	Not assigned		
Manufacturer's Part Number	46A051AJ00018		
Technology	Rechargeable Lithium-ion Battery		
Electrical Ratings	14.4 V	6.5 Ah	93.6 Wh
Date of Manufacture / Serial Number	Encoded on label: 'YYYY-MM-DD' / 'NNNNN'.		
Classification	Industrial battery within the meaning of Article 3(13), based on its intended use. Its capacity is less than 2 kWh.		
Name of Manufacturer	Accutronics Ltd. (t/a Ultralife UK)		
Address	Unit 20 Loomer Road, Chesterton Newcastle-under-Lyme, Staffordshire United Kingdom, ST5 7LB		
Telephone Number	+44 (0)1782 566 622		
Email / Website	sales@ulbi.co.uk	ulbi.co.uk	
Product Requirements Assessed for Conformity	Article 6: Applicable Articles 7-10: Not applicable Article 12: Not applicable Article 13: Applicable Article 14: Not applicable		
Conformity Assessment Procedure	Module A in accordance with Article 17 and Annex VIII of Regulation (EU) 2023/1542.		
Notified Body	Not applicable for Module A.		
Standards and technical specifications used in support of conformity assessment	IEC 62133-2:2017+AMD1:2021 UN Manual of Tests and Criteria, Part III, subsection 38.3.		

This declaration of conformity is issued under the sole responsibility of the manufacturer. We, the undersigned, declare that the product identified above is in conformity with the applicable requirements of Regulation (EU) 2023/1542 concerning batteries and waste batteries.

Signed for and on behalf of Accutronics Ltd. (t/a Ultralife UK), Newcastle-under-Lyme, UK

Stephen Holland
Quality, Health & Safety, Environmental Manager
Accutronics Ltd. (t/a Ultralife UK), 22 October 2026

Michael Allen
Managing Director
Accutronics Ltd. (t/a Ultralife UK), 22 October 2026

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Supporting Information

Compliance with Regulation (EU) 2023/1542, Article 6 (Restrictions on Substances)
Applicable. The battery complies with the applicable restrictions on substances set out in Annex I to Regulation (EU) 2023/1542 and Annex XVII to Regulation (EC) No 1907/2006 (REACH). The battery does not contain restricted substances except in compliance with the applicable conditions and concentration limits. Compliance is supported by supplier declarations, material composition information and other relevant technical documentation maintained as part of the product technical file.
Compliance with Regulation (EU) 2023/1542, Article 7 (Carbon Footprint of Electric Vehicle Batteries, Rechargeable Industrial Batteries and LMT Batteries)
Not applicable. The battery is classed as an industrial battery having a capacity of less than 2 kWh; the requirements of Article 7 do not apply.
Compliance with Regulation (EU) 2023/1542, Article 8 (Recycled Content in Industrial Batteries, Electric Vehicle Batteries, LMT Batteries and SLI Batteries)
Not applicable. The battery is classed as an industrial battery having a capacity of less than 2 kWh; the requirements of Article 8 do not apply.
Compliance with Regulation (EU) 2023/1542, Article 9 (Performance and Durability Requirements for Portable Batteries of General Use)
Not applicable. The battery is classed as an industrial battery; the requirements of Article 9 do not apply.
Compliance with Regulation (EU) 2023/1542, Article 10 (Performance and Durability Requirements for Rechargeable Industrial Batteries, LMT Batteries and Electric Vehicle Batteries)
Not applicable. The battery is classed as an industrial battery having a capacity of less than 2 kWh; the requirements of Article 10 do not apply.
Compliance with Regulation (EU) 2023/1542, Article 12 (Safety of Stationary Battery Energy Storage Systems)
Not applicable. The battery is classed as an industrial battery and is not a stationary battery energy storage system; the requirements of Article 12 do not apply.

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Compliance with Regulation (EU) 2023/1542, Article 13 (Labelling and Marking of Batteries)
Article 13(1). **Applicable**. Applies from the date specified in that paragraph, namely 18 August 2026 or 18 months after the entry into force of the implementing act adopted under Article 13(10), whichever is later. The battery label will display the applicable general information specified in Part A of Annex VI. Where this information is provided before the applicable date, it is provided in anticipation of the statutory requirement.
Article 13(2). **Not applicable**. The battery is classed as an industrial battery and is not a rechargeable portable battery, LMT battery or SLI battery.
Article 13(3). **Not applicable**. The battery is rechargeable and is not a portable battery of general use.
Article 13(4). **Applicable**. The battery is marked with the separate collection symbol as shown in Part B of Annex VI covering at least 3% of the area of the largest side of the battery, subject to the maximum dimensions specified in Article 13(4).
Article 13(5). **Not applicable**. The battery does not contain cadmium or lead above the applicable thresholds requiring the corresponding chemical symbol.
Article 13(6). **Applicable**. From 18 February 2027, the battery will be marked with a QR code as described in Part C of Annex VI. The QR code provides access to the applicable information referred to in Article 13(1) to (5), the EU Declaration of Conformity referred to in Article 18, any applicable report referred to in Article 52(3), and the information concerning the prevention and management of waste batteries laid down in Article 74(1), points (a) to (f).
Compliance with Regulation (EU) 2023/1542, Article 14 (Information on the State of Health and Expected Lifetime of Batteries)
Not applicable. The battery is classed as an industrial battery, and not a stationary battery energy storage system, LMT battery or electric vehicle battery; the requirements of Article 14 do not apply.
Compliance with Regulation (EU) 2023/1542, Article 18 (EU Declaration of Conformity)
Applicable. The EU Declaration of Conformity required by Article 18 has been drawn up by Accutronics Ltd., trading as Ultralife UK, and is included in the EU Declaration of Conformity section of this document. Conformity with the applicable requirements has been assessed using Module A in accordance with Article 17 and the corresponding Part of Annex VIII. The supporting technical documentation is maintained by Accutronics Ltd. and is made available to competent national authorities upon reasoned request. Proprietary technical information is not reproduced in this customer-facing document.
Compliance with Regulation (EU) 2023/1542, Article 19 (General Principles of the CE Marking)
Applicable. The CE marking is affixed visibly, legibly and indelibly to the battery in accordance with Articles 19 and 20 of Regulation (EU) 2023/1542. The marking signifies conformity with the applicable requirements covered by the EU Declaration of Conformity.

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Compliance with Regulation (EU) 2023/1542, Article 52 (Disclosure of Information on Battery Due Diligence Policies)
Applicable. Ultralife Corporation and its subsidiaries are within the scope of Chapter VII of Regulation (EU) 2023/1542. The battery due diligence obligations established under Articles 48 to 52 become applicable from 18 August 2027, as amended by Regulation (EU) 2025/1561. Information regarding the group's battery due diligence policy and related reporting will be made available in accordance with the applicable statutory requirements.
Compliance with Regulation (EU) 2023/1542, Article 74 (Information on Prevention and Management of Waste Batteries)
Applicable. Information concerning the prevention and management of waste batteries is provided in the Waste Management section of this document and, from 18 February 2027, is made available to end-users and distributors by means of the QR code marked on the battery. The information provided addresses: • Good practice for extending the battery's useful life and preventing waste. • The role of end-users in the separate collection of waste batteries. • Appropriate take-back, collection and treatment arrangements. • The safe handling of waste Lithium-ion batteries. • The meaning of the labels and symbols marked on the battery. • The potential environmental, health and safety impacts resulting from the inappropriate disposal of waste batteries.

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Waste Management

The following information is provided in accordance with Article 74(1), points (a) to (f), of Regulation (EU) 2023/1542 concerning the prevention and management of waste batteries.

Extending Battery Service Life

To maximise the useful life of the battery:

- Use the battery only within the equipment and application for which it was designed.
- Charge the battery only with the supplied charger or a charger recommended by the manufacturer.
- Observe the charging, discharging and storage temperatures stated in the Technical Information section.
- Avoid excessive heat, mechanical damage, over-discharge and prolonged storage in a fully discharged state.
- Inspect the battery regularly and discontinue use if it is damaged, deformed, leaking, unusually hot or otherwise defective.
- Follow the operating and maintenance instructions supplied with the host equipment.

This battery must not be opened, dismantled or modified by the end-user. Any assessment for re-use, preparation for re-use, repurposing or remanufacturing must be undertaken only by a suitably qualified organisation with access to the necessary technical and safety information.

Separate Collection

This battery must not be disposed of as unsorted municipal waste. At the end of its useful life, it must be collected separately to allow appropriate treatment and recycling.

End-users should return the waste battery through the collection or take-back arrangements available in the Member State in which the battery was supplied. Business users should follow their organisation's approved waste battery disposal arrangements.

Take-back, Collection and Treatment

Waste batteries should be returned through the collection or take-back arrangements applicable in the Member State where the battery was supplied.

Please contact the supplier or the contact shown at the front of this document for information concerning the applicable return and collection arrangements. Waste batteries must be transferred only to an appropriately authorised collection or treatment facility.

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Safe Handling of Waste Lithium-ion Batteries

- Do not open, crush, puncture, dismantle, short-circuit or burn the battery.
- Do not expose the battery to fire, excessive heat or water.
- Protect the terminals against short circuit during storage and transport.
- Do not place loose batteries together with electrically conductive materials.
- Do not use or charge a battery that is damaged, swollen, leaking, unusually hot or otherwise defective.
- Keep waste batteries away from children and unauthorised persons.
- Store waste batteries in a cool, dry and well-ventilated location, away from combustible materials, pending collection.
- Handle leaking material only in accordance with appropriate safety procedures and the safety information provided with the battery.
- Damaged or defective Lithium-ion batteries may require special storage, packaging, transport and disposal arrangements. Seek advice from an appropriately qualified waste or dangerous-goods specialist.

Meaning of Labels and Symbols

Separate collection symbol (crossed-out wheeled bin): The battery must be collected separately and must not be discarded as unsorted municipal waste.

QR code: Provides access to the applicable regulatory and product information associated with this battery, including this document.

Environmental, Health and Safety Impacts

Lithium-ion batteries contain materials that can adversely affect the environment, human health or personal safety if they are damaged, improperly handled or discarded inappropriately.

Incorrect disposal, including littering, burning or placing the battery in unsorted municipal waste, may create fire and safety risks and may allow battery substances to enter the environment.

Separate collection and appropriate treatment help prevent these impacts and enable the recovery of valuable materials.

A comprehensive Safety Data Sheet (SDS) is available for this battery. Please use the contact details at the front of this document to request a copy.

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Quality Management System

Accutronics Ltd., trading as Ultralife UK, maintains registered Quality and Environmental Management Systems based on the requirements of the international Standards ISO 9001, ISO 13485 and ISO 14001. These management systems are assessed annually by a UKAS accredited third party assessment body to confirm compliance with the requirements. These Quality and Environmental Management Systems form part of the framework used to support conformity assessment under Module A of Regulation (EU) 2023/1542. Copies of the applicable registration certificates are available at ulbi.co.uk.

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