

SAFE-TECH Lithium Battery Safe – User Guide & Disclaimer

Version 2026.v2 – UK

Index:


- 1 – Product Overview & Key Safety Information
- 2 – Pre-Use Checks & Operational Limits
- 3 – Post-Incident Handling & Emergency Procedures
- 4 – Maintenance and Care Instructions
- 5 – Warranty & Liability
- 6 – Safety Standards & Compliance
- 7 – Additional Notes for Professionals & Industry Users
- 8 – Contact and Support

1 – Product Overview & Key Safety Information

Product Details

Feature	Description
Product Name	SAFE-TECH Lithium Battery Bag/Case
Maximum Weight	[Refer to the product information page]
Maximum Energy Capacity	[Refer to the product marking]
Material Composition	Multi-layer fire/heat-resistant fabric. (Refer to the product detail page)
Compliance Standards	REACH, RoHS, EN 13501-1:2007+A1:2009, UL 94 V0, BSCI. (Spec refer to the product detail page)

Important Safety Warnings

- Charging points/poles must be covered.
- Always keep buckled and sealed.
- Do not store sharp components in the bag, use our Fire-resistant pouch if you have.
- Only use the bag for lithium batteries within the rated capacity.
- Inspect before use; do not use if damaged.
- Keep away from children and pets.
- Never expose to open flames, extreme heat, or direct sunlight.
- Follow proper battery charging and handling guidelines.
-  Do Not Modify or Repair

2 – Pre-Use Checks & Operational Limits

Pre-Use Inspection Checklist

Check	Requirement	Action
Material	No tears, cuts, or punctures	Do not use if damaged
Zips/Seals	Fully functional	Repair only by authorised personnel
Battery Terminals	Fully covered	Ensure insulation before placing in bag
Weight Limit	≤ [Refer to the product detail]	Do not exceed
Energy Limit	≤ [Refer to the product detail]	Do not exceed

Operational Limits

- Do not use for devices exceeding the stated energy limit.
- Store in a cool, dry place away from flammable materials.
- Do not charge batteries inside the bag unless battery manufacturer instructions permit.

Damage Precaution

INSPECT BEFORE USE. Failure to follow these instructions may result in fire, injury, or property damage.

3 – Post-Incident Handling & Emergency Procedures

The product is designed for personal use in storing lithium batteries, this bag aims to contain or delay a fire incident. This offers valuable time to safely relocate the affected item to a secure location, potentially saving lives. It's important to note that heat-resistant gloves and clothing are essential when handling this product.

In the event of a thermal runaway or battery fire:

Evacuate the area and call emergency services (999 UK or local equivalents).

1. **Safety First:**
 - Always wear **heat-resistant gloves and clothing**.
 - Keep a safe distance from passengers, exits, fuel sources, and flammable materials.
2. **Relocation:**
 - Place the sealed bag to a **non-flammable surface**.
 - Do not stack; ensure separation from other items or people.
3. **Cooling Time:**
 - Allow at least **2 hours** for the device to cool completely before attempting inspection or handling.
4. **Single-Use Warning:**
 - This bag is designed for **one thermal runaway event only**.
 - Dispose safely after use; do not attempt reuse.
5. **Professional Inspection:**
 - Only trained personnel should open or inspect the bag after an incident.

Relocation Warning Diagram Placeholder

(Insert your schematic showing safe placement and distancing from hazards.)

4a – Maintenance and Care Instructions

To ensure optimal performance and safety of your SAFE-TECH Lithium Battery Bag:

1. **Regular Inspection:**
 - Inspect the bag for any signs of wear, tear, cuts, punctures, or compromised seals before each use.
 - Do not use if any damage is detected.
 2. **Cleaning:**
 - Wipe clean with a soft, damp cloth.
 - Do not use abrasive cleaners, solvents, or chemicals that may degrade the fire-resistant materials.
 3. **Storage:**
 - Store in a cool, dry place away from direct sunlight, flames, or extreme temperatures.
 - Avoid stacking other items on top of the bag.
 4. **Handling During Use:**
 - Do not overfill beyond the bag's weight or energy capacity limits.
 - Always ensure battery terminals are insulated before placing them in the bag.
 - Never attempt to charge batteries inside the bag unless explicitly recommended by the battery manufacturer.
-

4b - Fibreglass Irritation Advisory

This product contains fibreglass-reinforced materials. In rare cases, you may find loose fibres. If this occurs, they can be removed using a vacuum cleaner. If fibres come into contact with your skin, they may cause temporary irritation. This is not harmful but may feel similar to fine splinters or itching.

1. **Important Safety Notice**

Do not use the product if you observe any damage, surface abrasion, or exposed fibre layers. Discontinue use immediately and contact our support team for assessment.
2. **Handling and Skin Care Guidance**
 - Avoid rubbing the affected area if irritation occurs.
 - Rinse skin under cool running water to remove loose fibres.
 - Wash with mild soap and water; avoid hot water.
 - If fibres are present on clothing, remove and wash the garment separately.
 - Wash hands thoroughly before touching your face or eyes.
3. **Product Cleaning Instructions**
 - Clean surfaces with a damp microfibre cloth to capture any loose particles.
 - For deeper cleaning, use a mild detergent with a non-abrasive cloth.
 - Avoid dry wiping or using compressed air, as both may dislodge fibres.
4. **Preventive Handling Measures**
 - Light protective gloves may be used when first handling a new unit.
 - Store the product away from abrasive surfaces to reduce wear.

- Inspect periodically; if any structural damage, fraying, or unusual surface texture is observed, stop using the product immediately.

5. **When to Contact Support**

If you suspect the product has excessive loose fibres or visible wear, contact us at support@safe-tech.co.uk for guidance or replacement options.

5 – Warranty & Liability

SAFE-TECH provides a 1-year limited warranty covering defects in materials and workmanship under normal use.

Warranty Scope:

- Repair or replacement of defective products at SAFE-TECH's discretion.

Warranty Exclusions:

- Misuse, abuse, neglect, or accident.
- Damage from extreme fire, heat, water, or other environmental hazards.
- Modifications or repairs by unauthorised personnel.
- Battery usage outside the manufacturer's guidelines.
- Normal wear and tear.

Claim Process:

- Contact SAFE-TECH or your authorised distributor with proof of purchase and details of the defect.

Legal Disclaimer & Liability Limitation

SAFE-TECH and its authorised distributors provide the Lithium Battery Bag as a fire-containment solution designed to mitigate the risks associated with lithium batteries. By using this product, you acknowledge and accept that lithium batteries carry inherent risks, including fire, thermal runaway, and chemical hazards, which cannot be completely eliminated.

1. Limitation of Liability

- SAFE-TECH and its distributors shall not be liable for any special, incidental, consequential, or indirect damages arising from the use, misuse, or inability to use this product.
- Liability for any direct damages is strictly limited to the purchase price of the product.
- SAFE-TECH assumes no responsibility for loss of data, business interruption, financial loss, or injury resulting from use of the product.

2. User Responsibilities

- Users assume full responsibility for the proper handling, storage, transport, and disposal of lithium batteries and the Lithium Battery Bag.
- This product must be used in accordance with the battery manufacturer's guidelines for charging, handling, and storage. Liability is void if these instructions are ignored.
- Always comply with local and national regulations regarding lithium battery safety, storage, and transport.

3. Professional and Industrial Use

- The bag is not intended for professional fire and rescue use, except where indicated for trained personnel in specific industrial applications.
- Any use beyond the recommended application is at the user's own risk.

4. Single-Use Limitation

- Each bag is designed for a single thermal runaway event. Do not attempt to reuse after an incident.

5. Emergency and Safety Instructions

- This product is a mitigation tool only and is not a substitute for professional emergency response. Always evacuate the area and contact emergency services immediately in case of fire.

6. Indemnity

- Users agree to indemnify SAFE-TECH against any claims arising from improper use, modification, or failure to follow battery manufacturer instructions or regulatory requirements.

7. Governing Law

- These terms are governed by the laws of the United Kingdom.

8. Reference and Support

- For specific safety standards, certifications, or model-specific guidance, please refer to the product page. For further assistance, contact support@safe-tech.co.uk or visit www.safe-tech.co.uk

6 – Safety Standards & Compliance

The materials comply with recognised safety standards; however, standards may vary depending on the specific design and model. For full details on the standards applicable to your product, please refer to the product page.

Certification & Testing:

- Collaborations with SGS, UL Solutions, and TUV Rheinland, ensure robust fire containment performance.
- Materials are tested for high-temperature resistance and fire containment, depending on model specifications.
- For more specific information, technical guidance, or bespoke queries, please contact support@safe-tech.co.uk or visit www.safe-tech.co.uk

Proper Battery Usage Guidelines

It is important to use lithium batteries in accordance with the manufacturer's instructions.

- Only use compatible batteries.
- Do not overcharge, short-circuit, puncture, or physically damage batteries.
- Always follow equipment manufacturer charging and usage instructions.
- Replace batteries that show signs of swelling, damage, or leakage.
- In case of fire or smoke, **evacuate the area and contact emergency services immediately.**

User Acknowledgement

By using this product, the user confirms:

- They have read and understood all safety precautions, operational limits, warranty terms, and legal disclaimers.
- Non-compliance may result in personal injury, property damage, or voiding of warranty.
- The product is single-use per thermal runaway event and must be disposed of safely after use.

7 – Additional Notes for Professionals & Industry Users

- SAFE-TECH recommends consulting trained fire safety professionals for industrial, military, or large-capacity battery applications.
- The product can be integrated into modular fire containment strategies for warehouses, transportation, or public facilities.
- Users must ensure regulatory compliance in each jurisdiction, especially for commercial transport or industrial installations.

8 – Contact and Support

- For more information, training, or guidance, visit: www.safe-tech.co.uk or www.LithiumBatterySafe.co.uk

Manual Updates and Revision Notice

SAFE-TECH continuously improves its lithium battery containment products to reflect the latest industry knowledge, safety findings, and regulatory requirements. As part of our commitment to user safety and product integrity, this manual will be updated periodically to incorporate advances in material science, fire-safety research, and operational best practice.

Because lithium battery technology evolves rapidly, SAFE-TECH reserves the right to revise, amend, or replace sections of this manual without prior notice. Updates may include new safety procedures, revised handling instructions, expanded testing data, or changes to compliance information. Users are strongly encouraged to review the most recent version of the manual before operating or handling the product.

The most up-to-date documentation will always be available from our support team or through our website. For the latest updates, guidance notes, or supplementary safety information, please visit:

www.safe-tech.co.uk or contact support@safe-tech.co.uk

Users should also consult recognised safety authorities for current lithium battery guidance, including:

- UK Fire and Rescue Services, • National Fire Chiefs Council (NFCC), • British Safety Council

These external resources are maintained by independent authorities and may provide additional or updated best practices beyond the scope of this manual. SAFE-TECH encourages all users to stay informed and follow relevant regional, national, and industry-specific safety guidelines.

By using this product, you acknowledge your responsibility to stay updated with the latest version of this manual, applicable safety standards, and official lithium battery handling guidance.