MUNK
Sicherheit. Made in Germany.



Order no.: 114076

Lithium-ion Battery Fire Protection Box

Size

1 2

Specification

Box size 1	Number of handles 4	Position of handles A,B,C,D	Cover Yes	Wall type closed
Inner width 330 mm	Inner height 165 mm	Inner length 515 mm	Weight 16.35 kg	Transport dimensions (plus packaging) 600 x 400 x 220 mm, 16.35 kg
Business division MUNK Rettungstechnik	Order no. 114076			

Facts

- System solution based on robust MUNK aluminium cases to DIN 14880
- High-strength inner lining, electrically non-conductive
- Flexible cushion modules provide additional lining for the interior and protect the batteries
- Cushion modules release extinguishing agent In the event of fire
- Extinguishing agent binds electrolytes and combustion gas components
- Heat-resistant up to approx. 1,050 °C
- Outer shell stays below 100 °C when a battery cell ignites

Description

A lithium-ion battery can fail without warning – in the warehouse, in the vehicle, on the workbench. The Lithium-ion Battery Fire Protection Box is built for that moment: you store and transport your batteries in a closed system that contains flames, splinters and combustion gases in an emergency.

Safe storage, even when a battery fails

The "box-in-box" system combines a robust MUNK aluminium case to DIN 14880 with a high-strength, electrically non-conductive inner container. When a battery cell ignites, the outer shell stays below 100 °C – the system withstands temperatures up to approx. 1,050 °C.

Extinguishing agent binds combustion gases

- "Box-in-box" system contains flames and splinters
- Fire classes A and D to DIN EN 3-7:2007
- Available in two sizes, delivered ready for use

Flexible cushion modules line the inner container and protect the batteries against impact. In the event of fire, the cushion modules release their extinguishing agent. It binds electrolytes and combustion gas components – right at the source of the fire.

Tested fire protection to standard

The Lithium-ion Battery Fire Protection Box meets fire classes A and D to DIN EN 3-7:2007. It holds up to 30 kg of batteries, carries up to 105 kg and can be stacked up to 400 kg – saving space in the warehouse.

Typical applications

- Storing lithium-ion batteries in the workplace and warehouse
- Safe transport of defective or damaged batteries
- Keeping batteries ready in the vehicle for rescue and emergency services

Simple and safe handling

- Place the battery/batteries in the fire protection box
- Position the cushion modules around the batteries
- Close and lock the case

The Lithium-ion Battery Fire Protection Box is available in two sizes, ready for use. So you store your batteries safely from day one.

More product pictures









Added value

Highest quality

- User-friendly and robust design
- Multiple riveted hinges
- High material strength and corrosion resistance



Versatile

- All-round seal in the edge profile to protect against dust and moisture
- Hinged covers
- Different sizes



Safe stacking

- All-round stacking edge
- Compact transport design



Firmly closed

- With padlock fitting
- Optional with lock set

Guide to handle arrangement

Our illustration depicts the handle arrangement of our cases and crates.



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Corporate certifications

Standards for quality and sustainability

Nachhaltigkeit
EcoVadis
sustainable supply management
CSR-Rating in Silber 2022