

HOW TO CHOOSE THE RIGHT LITHIUM CABINET FOR YOUR NEEDS?

THE RIGHT QUESTIONS TO ASK WHEN CHOOSING THE RIGHT LITHIUM-ION CABINET

The employer have to take the necessary measures to avoid the presence in the workplace of ignition sources likely to cause fires or explosions, or the existence of unfavorable conditions which could lead to unstable chemical substances or mixtures having dangerous physical effects. It must also take care to mitigate the harmful effects on the health and safety of workers in the event of fire or explosion resulting from the ignition of flammable substances, or the dangerous effects due to unstable chemical substances or mixtures.



What space do you have available and what volume do you need to store?

Each range includes several cabinet sizes (countertop, tall, with one or two doors) to suit your space and the volume of your batteries.



What does the extinguisher consist of?

Metal fires, and lithium in particular, are extremely difficult to stop. Nevertheless, the technology developed by our experts uses a combination of potassium nitrate and polyepoxide to act on the lithium fire. This extinguisher requires no specific maintenance during its 15-year service life.



Is it dangerous for humans?

No, but it is of course advisable to ventilate properly to remove stale air.



How does a smoke detector work?

This is an optical smoke detector, where an electrical voltage is applied to the terminals of the electrodes, causing a current to flow as a result of the ionization of the air in the chamber. When smoke particles enter the chamber, the intensity of the current is disturbed, triggering the detector's alarm.



Should you opt for fire resistance?

Our product range includes 90-minute fire-resistant cabinets. These cabinets have been successfully tested up to 105 minutes. They are the safest solution for preventing the risk of fire and explosion.



1. Storing and charging lithium-ion batteries

Do you want a fire resistant cabinet ?

YES

Different levels of fire resistance are available. Some cabinets comply with European standard **EN 14470-1**, with a fire resistance of 90 minutes for external fires. They may also comply with standard **NF EN 13501-2**, with fire-stop construction from the inside to the outside of the cabinet, of 15 or 180 min.

Ranges available:

		90-minute fire-resistant cabinets	Range 790+LI
		90-minute fire-resistant wide cabinets	Range 790FLI
		Double-walled insulated safety cabinets	Range 5LI

NO

Ranges available without fire resistance :

Safety cabinets for battery charging	Range 14ELI
Safety cabinets without charging	Range 14FLI



2. No-charge storage lithium-ion batteries

do you just want to store your batteries, whether they're damaged, end-of-life or new?

Damaged batteries should be stored separately from functional ones.

Ranges available:

		90-minute fireproof cabinets	Range 790+LI
		Wide cabinets 90-minute fire protection	Range 790FLI
		Double-walled insulated safety cabinets	Range 5LI
		Safety cabinets without charging	Range 14FLI
		Battery safety case	Range VTLI



3. Storage and transport of lithium-ion batteries

Do you want to transport your new, used or damaged batteries ?

Ranges available:


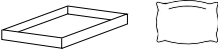
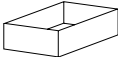


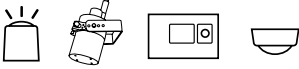
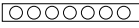


Transport cases for batteries	Range VTLI
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AND ALSO

We also offer equipment to limit the spread of fire:

Lithium-ion battery fire extinguishers	Range EXLI
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EQUIPMENT & OPTIONS

STORAGE & CHARGING	790+Li	790FLi	5Li	14ELi	-
STORAGE without charging	790+Li	790FLi	5Li	14ELi	14FLi
 Perforated shelves	✓	✓	✓	✓	●
 Retention shelves & insulating cushion	●	●	●	●	✓
 Containment sump in lower section	✓	✓	✓	✓	✓
 Connected wifi alarm	●	●	✓	✓	✓
 Self-contained fire extinguisher	✓	✓	✓	✓	●
 Fire extinguisher with smoke detector/light/ alarm box can be wired to SSI box Hole for cable routing at top	✓	✓	●	●	●
Drilling for cable entry bottom part	✓	✓	✓	●	●
Drilling for cable entry individual	●	●	●	✓	✓
 Rack of 9 sockets	✓	✓	✓	✓	●
 Code lock	✓	✓	●	✓	✓
 Connected box ventilation system	✓	✓	✓	✓	✓

Fume hoods, filtering cabinets - Ventilation

Lithium-ion cabinets

Flammable cabinets

Corrosive cabinets

Toxic cabinets and Multirisk

Containment and cans

File cabinets
Anti-fire equipments

Showers and first-aid equipments

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standard or optional equipment (please refer to pages 66 to 83, depending on model NUMBER)