



for safe storage



Charge and store lithium batteries safely.

The compact solution for more safety and less risk.



Lithium batteries are hazardous goods

Secure the safety of your employees and the existence of your company.

The majority of fires occur during the charging phase

They are available in a variety of sizes, are present in nearly every business and have become an everyday object: lithium batteries. But just how dangerous they are often only becomes apparent when it is too late. Lithium batteries frequently catch fire and cause explosions, accidents and fires in buildings.

The risk cannot be removed and there is no legislation. But you can still increase the level of safety in your company: with CEMO products for safe charging, storing, collecting and transporting. The simple and efficient CEMO safety concept is as follows: Separate charging and storage!

The CEMO safety concept

Separate charging and storage!

Most fires occur during the charging phase. Charging limited numbers of batteries in a cabinet will reduce the fire load and increase the level of safety in your company.

The compact safety cabinet from CEMO has been specially developed for lithium batteries.

It enables lithium batteries to be charged or stored safely due to its special safety measures.

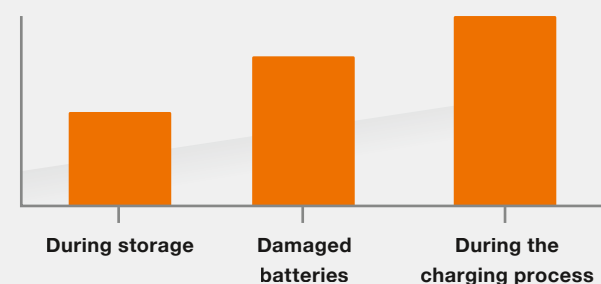
Use one safety cabinet to charge the lithium batteries and another to store them. Stack them and expand the safety units according to your needs.

The Solution: Separate charging and storage

Fires, explosions, accidents



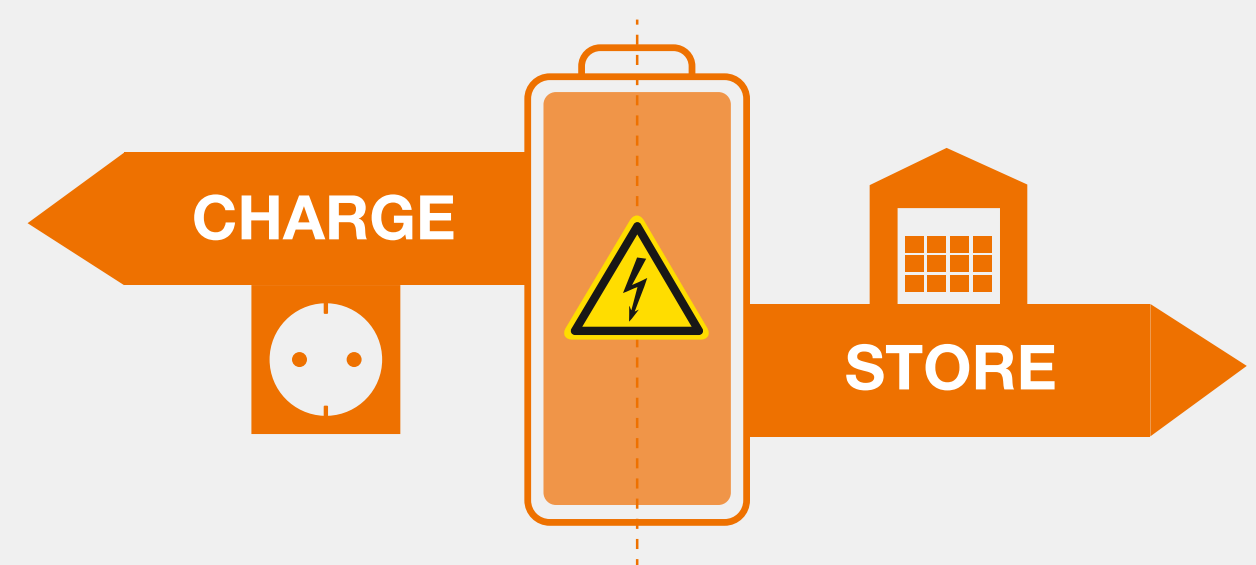
Battery fires occur most frequently in the following situations:



Other causes:

- ✓ Overcharging
- ✓ Deep discharging
- ✓ Overheating
- ✓ Mechanical damage
- ✓ Defective chargers
- ✓ Wear and tear

Charge and store separately – for greater safety



The benefits of separated safety units:

- ✓ More safety during the risky charging phase
- ✓ Reduced fire load
- ✓ Early alert in the event of damage
- ✓ Rapid evacuation in the event of fire
- ✓ Can be set up in a decentralised manner
- ✓ Certified fire protection from inside to outside
- ✓ Safety measures specially developed for lithium batteries
- ✓ Suitability proven in laboratory fire test

Special intumescent gaskets prevent flames from escaping

Lock in safety. Lock out hazards.



Carry handles on the external housing: can be transported into position at the installation site

Non-flammable construction
with certified components

Lockable doors
with robust lock
and hinges



CEMO GmbH | In den Backenländern 5 | D-71384 Weinstadt, Germany



SAFE



60 min.

Schränk für Lithium-Akkus
Cabinet for lithium batteries
Armoire pour batteries au lithium

60 Minuten
Feuerwiderstandsfähigkeit
 Innen nach Außen

✓ MPA-geprüftes Produkt
 nach DIN EN 1363-1

Türen stets geschlossen halten
 Sicherheitshinweise der Batterien beachten
 Bedienungsanleitung für diesen Schrank lesen

60 minuten fire resistant / inside to outside
 Keep the doors closed
 Follow battery safety instructions
 Read cabinet operating manual

60 minutes de résistance au feu / de l'intérieur vers extérieur
 Gardez toujours les portes fermées
 Respectez les consignes de sécurité pour les batteries
 Lisez le mode d'emploi de cette armoire












211.7008.302 © CEMO 07.20

Fire resistance
60 minutes from inside to outside
as per DIN EN 1363-1

Cold smoke-tight sealing system for the openings

A great combination!

Store, charge, transport.

You can find more details about the battery charging cabinets here: www.cemo-group.com

A cost-effective entry-level solution that only requires a small amount of space and that can be extended at any time so that it can grow along with the needs of your company. The certified cabinet for lithium batteries from CEMO combines safety and flexibility.

Particularly practical: the compact cabinet can be stacked and has ground clearance. It can easily be placed in the most convenient position in your company. And in the event of fire, it can be transported quickly and easily into a protected area (see accessories).



Separate storage means double security.

The modular units from CEMO have their own special safety features. In addition, all current safety recommendations have been taken into consideration:

- ✓ F60 fire compartment
- ✓ Safety regulation "Charging under supervision" can be relaxed.
- ✓ Non-flammable/ non-conductive underlay
- ✓ Smoke detection and alarm
- ✓ Safety regulation "Safety clearance" can be removed.
- ✓ No mixed storage
- ✓ Protection against mechanical damage
- ✓ Ideal temperature for storage



Small outside. But very large inside!

Heat dissipation during charging via fans

Output for alarm signal potential-free contact (from the Premium model onwards)

Smoke detection and temperature monitoring

Interrupt the charging current when the doors are opened



Remote transmission alarm message to a mobile phone (Premium Plus)

Seal the air intake and outlet via thermocouples

Power supply via 4-socket power strip (3500 W, 16 A)

Stops charging in the event of faults or damage



Model shown Premium Plus

Safety in every version

Decide on the model that is right for your business.



Battery storage cabinet



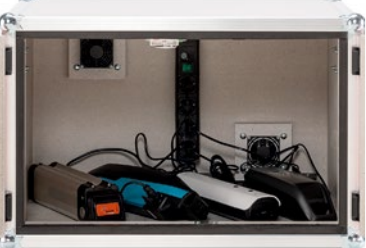
Battery charging cabinet Charging Basic



Optional cable conduit for additional cable Order no. 11345



Battery charging cabinet Charging Premium



Battery charging cabinet Charging Premium Plus



Optional stacking feet set for ability to be stacked and ground clearance Order no. 11368

Model	Battery storage cabinet Developed for the safe storage of lithium batteries	Battery storage cabinet Charging Basic The minimum level of safety needed in one cabinet	Battery storage cabinet Charging Premium Safety in the event of fire and smoke emission	Battery storage cabinet Charging Premium Plus Also receive alarms remotely
Can be stacked as an option	✓	✓	✓	✓
Fire resistance 60 min from inside to outside	✓	✓	✓	✓
Smoke alarm	✓	✓	✓	✓
Power supply (power strip)		✓	✓	✓
Ventilation		✓	✓	✓
Door contact switches		✓	✓	✓
The charging station is de-energised		in the event of heat development	in the event of smoke and heat development	in the event of smoke and heat development
Remote alarm (mobile phone)				✓ (SIM Card)
Data transmission				✓
External dimensions (WxDxH)	80×66×52 cm	80×66×52 cm	80×66×52 cm	89×66×52 cm
Internal dimensions (WxDxH)	73×53×45 cm	73×53×45 cm	73×53×45 cm	73×53×45 cm
Weight approx.	105 kg	106 kg	106 kg	106 kg
Order no.	11341	11342	11343	11344

Safety in every phase

Solutions for lithium batteries and cells

Whether during **charging**, **storage** or **separation/transportation**: lithium batteries must always be well protected. We can provide an all-round range of safety products.

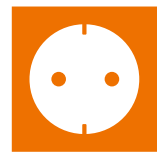


Safety products for lithium batteries

We are happy to help!

Contact us either by phone or by email.

Tel.: +49 7151 9636-0
Fax: +49 7151 9636-98
Mail: kontakt@cemo.de



Charge safely ✓

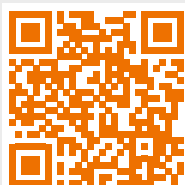


Store safely ✓



Transport safely ✓

You can find all of the products here:
www.akkusicherheit-en.cemo.page



Charging cabinet

Reduced propagation of fire, early alarm: the compact safety cabinet from CEMO has been designed for the hazardous charging process for lithium batteries.



Safety cabinets and fire protection containers

The battery safety cabinet has a fire resistance of 90 minutes as per DIN EN 14470-1.

The safe cabinets and containers are available in several different sizes. Decide on a safe storage solution that is appropriate for your business.



Collection containers and safety bins

Collect and transport lithium batteries in a safe manner – for example to the disposal site. Our certified and approved container solutions are also ideally suited to separate damaged or defective batteries in accordance with fire safety regulations.



Zona Industrial do Socorro, Lote 28A
4820-011 São Gens - Fafe - Portugal

SIGA-NOS EM:



www.facebook.com/CunhaMendesCunhaLda



www.youtube.com/c/CUNHAMENDESCUNHALDA

WWW.CMC.PT