

NEW

CEMO

for safe storage

Fire-proof AND Explosion-proof Battery storage and charging cabinets “lockEX inside”

Controlled pressure relief

through spring-based door locking

Real battery fire testing

Certificates of the TÜV NORD Group
through the latest testing programme

Patented

lodged with the German Patent
and Trademark Office



Battery storage and charging cabinet 8/5

Charging and/or storage of several
lithium batteries in the cabinet.
Early alarm in case of damage.



Battery charging cabinet 8/10

Charging variants with 2 horizontally
arranged 4-socket power strips for
the power supply.



Battery charging cabinet 8/5

Power supplied by a 4-socket power
strip. Compact external dimensions.

Controlled pressure relief as explosion protection.

lockEX[®]
inside

NEW

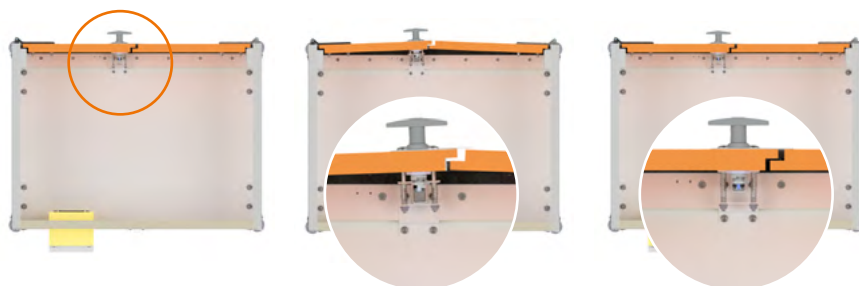
If a damaged lithium battery explodes, the cabinet doors can be blown open. By means of a spring construction, the cabinet door is opened very slightly then immediately retracted and locked again. This dissipates the explosive pressure.



Includes property rights lodged with the German Patent and Trademark Office.

It has long been known in specialist circles that lithium batteries can suffer not only from catching fire and the explosive burnout of individual cells, but also as a result of leaking cell vapour exploding. This represents the worse case scenario in the event of a battery fire. In case of doubt, however, this can render the entire protective effect null and void and is thus the most decisive criterion in performing a risk assessment.

OPERATING PRINCIPLE OF THE LOCKEX LOCKING MECHANISM (PLAN VIEW)



The lockEX mechanism releases the explosive energy in a controlled way through a narrow gap.



















Full information and extensive accessories



BATTERY STORAGE CABINETS

Description		External dimensions in cm (w x d x h)	Internal dimensions in cm (w x d x h)	Weight (approx.) in kg	Order code *new Art. No.	Shipping
Battery storage cabinet 8/5	Two battery-operated audible smoke detectors – without power connection or ventilation – additionally with stacking feet (prescribed for the stacking of cabinets 8/5)	80 x 66 x 52	73 x 53 x 45	80	11890*	
		80 x 66 x 62	73 x 53 x 45	83	11891*	
Battery storage cabinet 8/10	Two battery-operated audible smoke detectors – without power connection or ventilation – with feet	80 x 66 x 111	73 x 53 x 91	132	11898*	
	with castors NEW	80 x 66 x 115	73 x 53 x 91	144	11722	

BATTERY CHARGING CABINETS

BATTERY CHARGING CABINETS				External dimensions in cm (w x d x h)	Internal dimensions in cm (w x d x h)	Weight (approx.) in kg	Order code *new Art. No.	Shipping
Description		Type						
Battery charging cabinet Basic	Two battery-operated, audible smoke detectors, power supply in the cabinet with socket strip(s), technical ventilation, power disconnection in case of heat development or by door contact switch	8/5 1-phase		80 x 66 x 52	73 x 53 x 45	81	11892*	
		8/5 with feet*, 1-phase		80 x 66 x 62	73 x 53 x 45	84	11893*	
		8/10 with feet, 1-phase		80 x 66 x 111	73 x 53 x 84	135	11899*	
		8/10 with feet, 3-phase		80 x 66 x 111	73 x 53 x 84	136	11900*	
		8/10, 1-phase, on castors	NEW	80 x 66 x 115	73 x 53 x 84	146	11723	
		8/10, 3-phase, on castors	NEW	80 x 66 x 115	73 x 53 x 84	147	11726	
Battery charging cabinet Premium	<u>Modification to charging cabinet Basic:</u> Electrically operated smoke detector <u>In addition to charging cabinet Basic:</u> Power disconnection also in case of smoke detection, audible warning tone, potential-free output for switching to fire alarm system on outside of cabinet, 12 V connection e.g. for accessory combination alarm (visual & audible)	8/5 1-phase		89 x 66 x 52	73 x 53 x 45	82	11894*	
		8/5 with feet*, 1-phase		89 x 66 x 62	73 x 53 x 45	85	11895*	
		8/10 with feet, 1-phase		89 x 66 x 111	73 x 53 x 88	135	11901*	
		8/10 with feet, 3-phase		95 x 66 x 111	73 x 53 x 88	136	11902*	
		8/10, 1-phase, on castors	NEW	89 x 66 x 115	73 x 53 x 88	146	11724	
		8/10, 3-phase, on castors	NEW	95 x 66 x 115	73 x 53 x 88	147	11727	
Battery charging cabinet Premium Plus	<u>In addition to charging cabinet Premium:</u> Interior temperature display, remote alarm to mobile phone by means of SIM card, further functions via remote access	8/5 1-phase		89 x 66 x 52	73 x 53 x 45	82	11896*	
		8/5 with feet*, 1-phase		89 x 66 x 62	73 x 53 x 45	85	11897*	
		8/10 with feet, 1-phase		89 x 66 x 111	73 x 53 x 88	135	11903*	
		8/10 with feet, 3-phase		95 x 66 x 111	73 x 53 x 88	136	11904*	
		8/10, 1-phase, on castors	NEW	89 x 66 x 115	73 x 53 x 88	146	11725	
		8/10, 3-phase, on castors	NEW	95 x 66 x 115	73 x 53 x 88	147	11728	

We reserve the right to make technical changes/No liability for errors. © CEMO 0037-en 07.23

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