

**NEW**

**CEMO**

for safe storage

**Fire prevention meets explosion protection**

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

# Property rights

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<sup>®</sup>  
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
<b>Battery storage cabinet 8/5</b>	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*	
<b>Battery storage cabinet 8/10</b>	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 <b>NEW</b>	80 x 66 x 115	73 x 53 x 91	144	11722	

## BATTERY CHARGING CABINETS

Description	Type	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
<b>Battery charging cabinet Basic</b>	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 <b>NEW</b>	80 x 66 x 115	73 x 53 x 84	146	11723	
	8/10, 3-phase, on castors <b>NEW</b>	80 x 66 x 115	73 x 53 x 84	147	11726	
<b>Battery charging cabinet Premium</b>	Modification to charging cabinet Basic: Electrically operated smoke detector					
	In addition to charging cabinet Basic: 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*	
<b>Battery charging cabinet Premium Plus</b>	8/10, 1-phase, on castors <b>NEW</b>	89 x 66 x 115	73 x 53 x 88	146	11724	
	8/10, 3-phase, on castors <b>NEW</b>	95 x 66 x 115	73 x 53 x 88	147	11727	
	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 <b>NEW</b>	89 x 66 x 115	73 x 53 x 88	146	11725	
	8/10, 3-phase, on castors <b>NEW</b>	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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