



# FIREPROOF SAFES FOR STORING AND CHARGING OF LITHIUM-ION BATTERIES

## DATA SHEET



**3000 Wh**  
at one storage level



VDMA 24994:2024-08 I/O60



3000 Wh

**3000 Wh at one storage level.**  
Tested on the most dangerous NMC batteries **NMC 9-0,5-0,5**

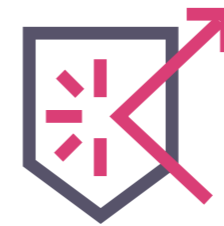
The storage cabinets complies with the VDMA guidelines 24994:2024-08, according to which the cabinet can withstand extreme conditions, such as uncontrolled fires and battery explosions, while maintaining the highest safety standards.

The certificate is issued by an independent certification body and tested by ECB•S - recognised cooperation partners.

The product is tested and certified to VDMA standard sheet 24994:2024-08 as an I/O60 lithium-ion battery storage cabinet.

## Cabinet construction

- multi-walled cabinet construction of body and door with special insulating compound
- 4-way locking bolt system
- fire-resistant seal system- special smoke and fire seals
- construction of body and door compliant with 1143-1 norm
- Intuitive diagnostic control panel with piezoelectric buttons
- automatic ventilation shut-off system in case of detection of temperature exceeding 60°C
- ventilation system for quick and safe
- connection to on-site ventilation facilities
- wentylation system minimum flow rate 30 m³



# I/O60



**MAXIMUM ENERGY LOAD OF EACH STORAGE LEVEL**  
**3000 W**



**MAXIMUM LOAD CAPACITY ON EACH STORAGE LEVEL**  
**100 KG**



## Types of sockets

socket type **E**

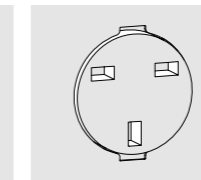
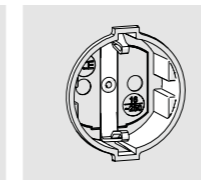
Poland  
France  
Belgium  
Czech Republic  
Slovakia

socket type **F**

Germany  
Austria  
Netherlands  
Sweden  
Spain  
Portugal

socket type **G**

United Kingdom  
Ireland  
United Arab Emirates  
Singapore



Further information can be found in the operating instructions.





batrea

## Technical parameters



norm	VDMA
art. no.	<b>B470001.01.01</b> <b>B470001.01.02</b> <b>B470001.01.03</b>
socket type	E                      F                      G
amount of sockets	5 pcs
maximum energy of the batteries to be stored on each storage level	3000 Wh
maximum energy of the batteries to be stored in the entire cabinet	3000 Wh
maximum energy load of each storage level	3000 W
maximum energy load of the entire of cabinet	3000 W
maximum load capacity of each storage level	100 kg
<b>OUTER DIMENSIONS</b>	
outer body height	704 mm
ventilation connector height	min. 50 mm
<b>overall height</b>	<b>754 mm</b>
body outer width	711 mm
ventilation connector width	-
<b>overall width</b>	<b>711 mm</b>
outer body depth	702 mm
handle depth	60 mm
<b>overall depth</b>	<b>762 mm</b>
<b>INNER DIMENSIONS (HXWXD)</b>	
clear door opening	452 mm x 566 mm x 471 mm
amount of shelves/ strage levels	0/1
weight	294 Kg
cabinet construction	construction of body and door compliant with 1143-1 norm
door	1 multi-walled door leaf
locking	4-way locking bolt system
mounting holes	2 through holes - for optional mounting of the safe to the floor
lock	key lock - class A with 2 keys of 120 mm length or electronic lock class A
body	RAL 7035
extension - control panel	RAL 9005
ventilation connector	zinc plated steel
handle and key escutcheon	black



### Diagnostic control panel

Diagnostic control panel in batrea I/O60 cabinet is equipped in:



- set of LED lights - for visual system information
- set of piezoelectric buttons - for setting the safe functions
- Emergency shut-off system (STOP/ EMERGENCY)
- buzzer
- fuse set



### Ventilation system

- automatic closing of the ventilation flap in case of emergency
- ventilation flap position indicator for monitoring the ventilation status

The diameter of connector is DN100.

