

# SYSTEM: STRAINBOX

## MODEL: XS



### Product description

The StrainBox S makes it possible to transport critical and defective lithium-ion batteries in an ADR-compliant manner and to store them safely. The size and construction have been specially designed for the storage and transport of modules and large-format single cells, such as those used in stationary storage or vehicle batteries.

All packaging in the StrainBox series has an integrated filter system that filters out toxic gases to a large extent. Dust and particles that are harmful to health are retained and the escape of solids, liquids and flames is prevented.

Due to the integrated thermal management, there is no critical temperature increase of the outer walls. If the batteries inside should have an accident, contamination in the vicinity of the packaging is prevented.

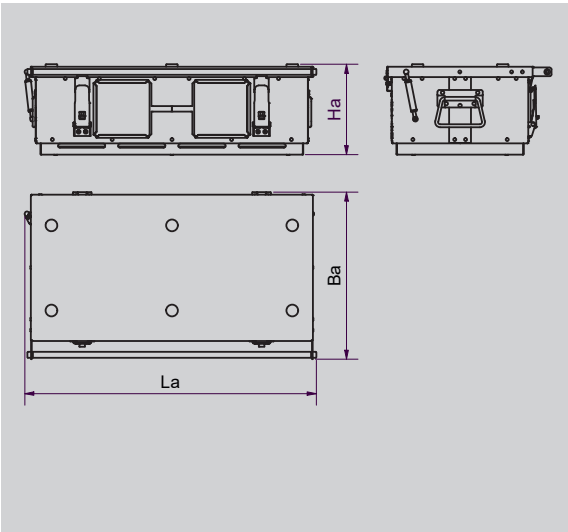
To protect people and property, the StrainBox S also has the typical safety features that only products from Stöbich Brandschutz GmbH offer. These include the filter system, the mechanically resistant design and the integrated thermal management.

|               |   |  |
|---------------|---|--|
| Main features | ADR-compliant transport of critical and defective lithium-ion batteries | Retention of liquids and solids                  |
|               | pressure-resistant construction   | Secure and stable locking                        |
|               | Integrated gas filter system  | Neutralisation of the pollutant gases that occur |
|               | mechanical strength   | Protection of persons and property               |
|               | tested complete system  | Absorption and dissipation of thermal energy     |
|               | No escape of sparks and flames  | No dusting fillers                               |
|               |   |  |

Product features

| Technical data   | StrainBox XS   | StrainBox XS Charge |
|--|--|---------------------|
| External dimensions L <sub>a</sub> x W <sub>a</sub> x H <sub>a</sub> | 805 x 461 x 250 mm   | 887 x 461 x 250 mm  |
| Inner dimensions L <sub>i</sub> x W <sub>i</sub> x H <sub>i</sub>    | 700 x 250 x 200 mm   |                     |
| max. empty weight  | 44 kg  | 46 kg               |
| max. payload (transport)   | 27,5 kg  | 25,5 kg             |
| max. energy content  | 3,5 kWh  |                     |
| Capacity   | 35 l   |                     |
| Approval   | approved UN dangerous goods packaging with X-coding for transport in accordance with ADR, RID and IMDG Code* |                     |

\* Transport modes road, rail, inland and maritime shipping; Stöbich is a manufacturer of dangerous goods packaging with a recognised quality assurance programme in accordance with BAM dangerous goods regulations.



Variants

The Charge variant offers a pressure- and temperature-resistant multiple cable bushing that can be individually assigned for charging and testing purposes.

Description of the components

- Gas filter system
- Locking system
- Lashing eyes for load securing
- Gas springs
- Cable gland (StrainBox XS Charge)
- Number plate holder for signage

Notes

It is possible to adjust dimensions and colouring according to customer requirements after prior consultation. As standard, the product is supplied in a single colour in traffic grey RAL 7043 in accordance with the offer.



StrainBox XS Charge  
in colour combination RAL 3020/7043