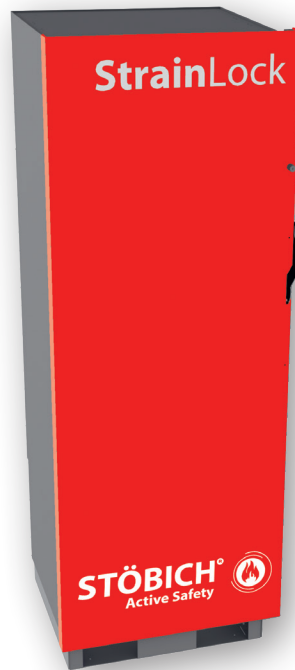


# *StrainLock*

## DATA SHEET



Damaged lithium-ion batteries cause pressure surges that may also involve explosions. The gases that are created are highly toxic. The risk scenario has changed fundamentally to the previous hazardous goods storage solutions.

The risk of fire is no longer limited to the outside of the cabinet, it acts inside the cabinet and is, as described, accompanied by flames, explosions and toxic gases.

The **StrainLock** is the solution for safe storage of lithium-ion batteries. The new development for this special hazard scenario has a filter system that retains toxic gases and dust as well as sparks and flames.

The integrated thermal management prevents a critical temperature of the outer walls. Should a battery inside the **StrainLock** fail, the safety measures taken prevent the spread of fire and contamination of the environment.

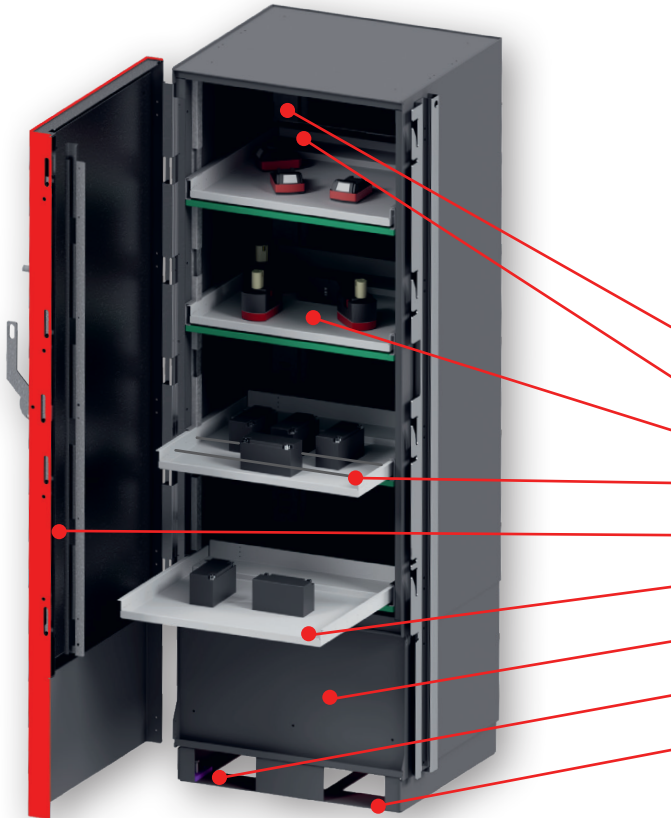
### KEY FEATURES

- Integrated gas filter system
- Pressure-resistant construction
- Mechanical resistance
- Tested overall system
- No emission of sparks and flames
- No leakage of liquids and solids
- Also for critical and defective lithium-ion batteries
- Secure and stable locking
- The circuit of each drawer has a separate fuse
- The drawers close individually in case of emergency

### OPTIONS

- Charging systems for lithium-ion batteries
- Color selectable
- Socket strips
- Clamping rods
- Extendable drawer

# PRODUCT FEATURES



## Technical Specification

Outside dimensions	L x B x H · 621 x 718 x 1.972 mm
Inside dimensions	L x B x H · 560 x 608 x 1.390 mm
Approved energy content	12 kWh (max)
Dimensions of drawers	L x B x H · 428 x 573 x 250 mm
Deadweight	450 kg

## Gas pipeline system

## Socket strips (optional)

## Flame-spreading resistant shelves

## Clamping rods (optional)

## Stable locking

## Extendable drawer (optional)

## Integrated filter system

## Height adjustment of the stand

## Underride stand

