



# SecureBattery Professional

## SecureBattery Professional

Ensuring secure charging solutions for the precise storage and charging of LI-ION batteries.

Lithium-ion batteries are widely used across various industries due to their efficiency and high energy density, powering everything from portable electronics to large-scale industrial equipment.

While these batteries provide an effective and efficient source of power, storing lithium-ion batteries presents unique challenges due to their inherent risks. These risks underscore the importance of proper storage and handling of lithium-ion batteries to prevent accidents and ensure safety.

SecureBattery Professional represents an exceptional and highly secure solution for precise battery storage and charging. The cabinets offer a streamlined and trouble-free solution, effectively mitigating potential risks associated with overheating and fires during battery storage and charging processes.

## Construction

The SecureBattery Professional range is built to a fire-resistant construction (from inside to outside) certified EI 180 min type A1, in accordance with standard NF EN 13501-2. The cabinets is also fire resistance (from the outside inside) tested 105 min and approved for 90 min, in accordance EN 14470-1 & EN 1363-1.

Double wall construction:

- External walls in 12/10th steel + white epoxy paint RAL 9010.
- Internal walls in white RAL 9010 melamine.
- Thermal insulation panels between the walls to limit thermal bridges.
- Fixing point for earthing.

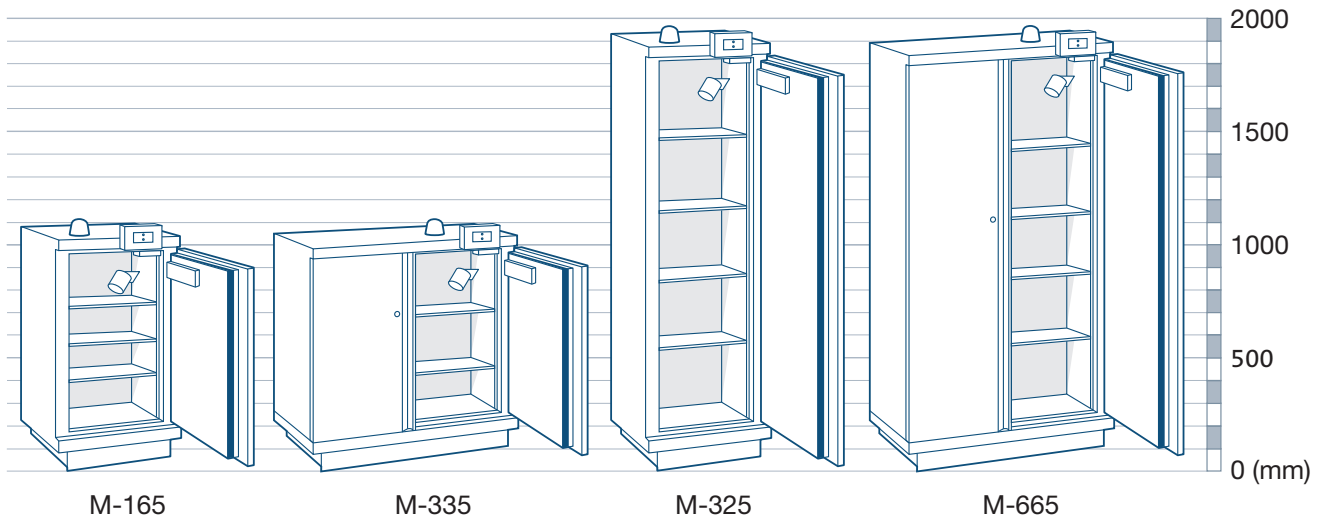
## Key Features

- **Safe charging and storing of batteries:** Specifically designed for the storage and charging of lithium-ion batteries, including lithium-ion.
- **Fire Resistance:** Fire-resistant construction (from inside to outside) in accordance to EI 180 min type A1, in accordance with standard NF EN 13501-2. Fire resistance (from outside to inside) tested 105 min and approved for 90 min, certified protection according to EN 14470-1 & EN 1363-1.
- **Thermo-Expanding Door Seals:** In the event of a fire, the thermo-expanding seals on the doors expand to prevent the entry of heat and smoke, further safeguarding your stored items.
- **Ventilation System:** The cabinets feature both inlet and outlet ventilation on the top of the cabinet, which makes it possible to connect it to mechanical ventilation to prevent heat build-up in the cabinet.
- **Automatic Closing Doors:** For added safety and convenience, the doors of the cabinets are designed to close automatically.
- **Electricity:** The cabinets are equipped with integrated electrical outlets.
- **Alarm & Fire extinguisher:** The cabinets are equipped with fire alarm and fire extinguisher.

## Standard Equipment

- Racks with electrical outlets
- Fire extinguisher with automatic activation at 79°C by special lithium thermal bulb for 790 + 1 FLI, 790 + 2 FLI
- Alarm kit for 790 + 1 FLI, 790 + 2 FLI
- Internal cable duct in upper part
- Fire resistant cables and casing





## Product Specifications

Model	External height (mm)	External width (mm)	External depth (mm)	Internal height (mm)	Internal width (mm)	Internal depth (mm)	Volume (litres)	Weight (kg)
M-165	1100	635	670	820	490	410	165	182
M-325	1950	635	620	1620	490	410	325	287
M-335	1100	1137	670	820	1000	410	335	297
M-665	1950	1137	620	1620	1000	410	665	453

# SecureBattery Professional

Design and production: Gunnebo. Photos Credits: Gunnebo. The data given in this material may be subject to change without further notice. The Gunnebo logos and "Gunnebo - For a safer world" are registered trademarks of Gunnebo AB.



Take advantage of our knowledge:  
[www.GunneboSafeStorage.com](http://www.GunneboSafeStorage.com)

