



# 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 are 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.

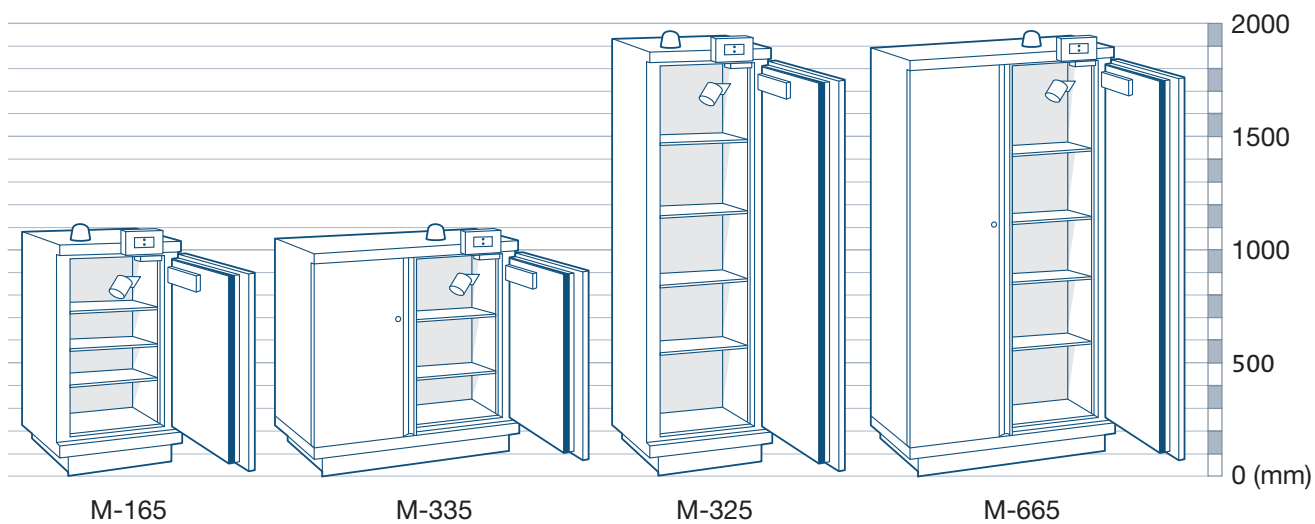
## Key Features

- **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         |

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[www.GunneboSafeStorage.com](http://www.GunneboSafeStorage.com)

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Safe Storage