

LI-ION BATTERY STORAGE & CHARGING CABINETS

ABOUT THE CABINETS

The pH7 Lithium-Ion Battery Storage and Charging Cabinets deliver safe and efficient Li-Ion battery charging with smart technology and advanced fire protection. Built with double steel walls featuring a 40mm gap, it meets FM6050, OSHA 1910.106, and NFPA 30 standards.

Enjoy smart charging and, depending on the model, real-time temperature and humidity monitoring, an adjustable exhaust fan, adjustable shelves, and multiple lightning-protected sockets.

KEY FEATURES (MODEL DEPENDANT)

- Double steel walls with 40mm gap.
- Adjustable exhaust fan helps dissipate warm air.
- Temperature and humidity sensor.
- Highly sensitive smoke detector and alarm provides early warning in the event of battery failure/fire.
- Adjustable shelving with perforations allows movement of air.
- Spill tray to capture leaks and spills.
- Exterior isolation switches allows easy control of power allocation within the cabinet.

SUMMARY CHART

CODE	WHEN SMOKE ALARM IS TRIGGERED	CERTIFICATE	FIRE-RESISTANT TIME	PRODUCT TIER
DIL55LI-170	Fan: OFF, Audio: ON Sockets: ON, Power: ON	FM 6050	10 mins	High-end
DIL55LI-83	No functions affected	FM 6050	10 mins	Mid-range
DIL55LI-45	No functions affected	FM 6050	10 mins	Low-end



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170L CAPACITY LI-ION CABINET

- Lightning protected sockets on 4 levels, each with 8 sockets (32 sockets total)
- Cabinet weight: 150kg

HEIGHT 1890mm

WIDTH 1090mm

DEPTH 460mm

DIL55LI-170



83L CAPACITY LI-ION CABINET

- Lightning protected sockets on 4 levels, each with 5 sockets (20 sockets total)
- Cabinet weight: 99kg

HEIGHT 1890mm

WIDTH 600mm

DEPTH 460mm

DIL55LI-83



45L CAPACITY LI-ION CABINET

- Lightning protected sockets on 2 levels, each with 3 sockets (6 sockets total)
- Cabinet weight: 50.4kg

HEIGHT 970mm

WIDTH 590mm

DEPTH 460mm

DIL55LI-45



90 MIN FR LI-ION BATTERY STORAGE & CHARGING UNITS

ABOUT THE 90 MINUTE RANGE

The 90 minute fire resistant lithium ion battery storage and charging units are designed to provide advanced protection during both storage and active charging.

Designed and tested to contain fire for up to 90 minutes, these units help minimise fire escalation and provide valuable response time in the event of a lithium ion battery incident.

Built in accordance with EN 14470-1 standards, these units support safer charging practices in workshops, warehouses, manufacturing facilities and other high risk environments. A reliable safeguard for workplaces where lithium ion batteries are part of daily operations.

KEY FEATURES

- 90 minute fire resistance allows for ample emergency response and/or escape time.
- Integrated smoke detection with audible alarm.
- Perforated steel shelves for improved heat dissipation and airflow.
- Industrial PDU sockets on each shelf level that fit NZ standards.
- Prevents flame ejection and restricts external surface temperatures during fire events.

SUMMARY CHART

CODE	WHEN SMOKE ALARM IS TRIGGERED	CERTIFICATE	FIRE-RESISTANT TIME	PRODUCT TIER
DIL55LI90-450	Audio: ON Sockets: OFF , Power: ON	EN 14470-1	90 mins	High-end
DIL55LI90-DW	Audio: ON Sockets: OFF , Power: ON	EN 14470-1	90 mins	High-end

90 MINUTE FR LI-ION BATTERY CABINET

- Lightning protected sockets on 4 levels, each with 8 sockets (32 sockets total).
- Cabinet weight: 506kg
- Shelf weight capacity: 75kg



HEIGHT 195cm

WIDTH 116cm

DEPTH 61.5cm

DIL55LI90-450

90 MINUTE FR LI-ION BATTERY DRAWER

- Lightning protected sockets on 2 levels, each with 4 sockets (8 sockets total).
- Drawer weight: 131kg
- Shelf weight capacity: 50kg



HEIGHT 75cm

WIDTH 60cm

DEPTH 67cm

DIL55LI90-DW

FIRE SUPPRESSION FOR CABINETS & DRAWERS

ABOUT THE MAUS STIXX PRO

Protect critical enclosures with the MAUS Stixx PRO 5.

Automatic, zero-maintenance fire suppression for up to 0.5 m³. Safe for electronics and confined spaces.

The MAUS Stixx PRO 5 offers reliable, maintenance-free fire protection for enclosed areas up to 0.5 cubic metres. Built to activate at 170 °C, it releases a potassium-based aerosol to rapidly cool and extinguish fires before they spread.

There's no wiring, no pressure cylinders, and no mess - just fast, automatic response for areas where downtime or damage from traditional extinguishers is not an option.

KEY FEATURES

- Triggers at 170 °C – no manual action needed.
- Ultra-fine potassium particles stop a fire in its tracks.
- Particles linger longer than CO₂ or Halon to prevent re-ignition.
- Leaves no residue and is safe for electronics and interiors.
- 100% non-toxic, ozone-friendly, people-safe.
- No batteries, no inspections. Install once and forget.
- CE-certified and trusted by emergency services and OEMs.
- Link units or add detector cables for bigger spaces.



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OVERVIEW VIDEO!

LARGE CABINET FIRE SUPPRESSION KIT

Bundle includes:

- **2x** MAUS Stixx PRO 5 units
- **5 metres** of heat detecting cable
- **15x** cable clips
- Professional **installation service**.
- Suitable for the DIL55LI-170 and DIL55LI90-450.



DIL55LI-170FS

SINGLE DOOR CABINET FIRE SUPPRESSION KIT

Bundle includes:

- **1x** MAUS Stixx PRO 5 unit
- **4 metres** of heat detecting cable
- **10x** cable clips
- Professional **installation service**.
- Suitable for the DIL55LI-83.



DIL55LI-83FS

SMALL CABINET/DRAWER FIRE SUPPRESSION KIT

Bundle includes:

- **1x** MAUS Stixx PRO 5 unit
- Professional **installation service**.
- Suitable for the DIL55LI-45 and DIL5590-DW.



DIL55LI-45FS