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Communications
Group

LITHIUM ION STORAGE & CHARGING CABINET 90 MINUTE RATED



TWO WAY
RADIOS



PPE
SOLUTIONS



ECO FRIENDLY
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SITE
SOLUTIONS



SECURITY
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TRACKING
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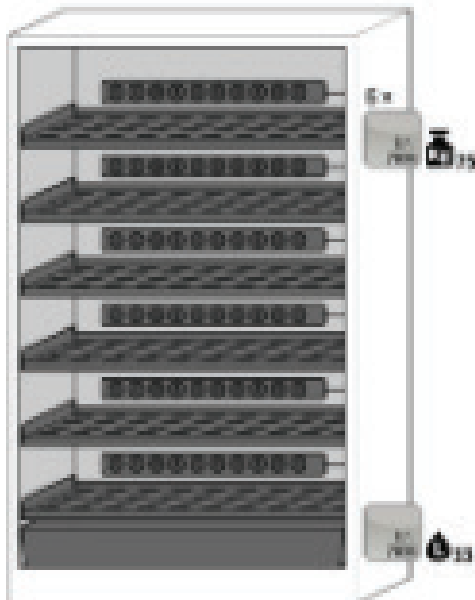
900L LITHIUM ION STORAGE & CHARGING CABINET

90 MINUTE FIRE-RATED

When charging lithium-ion batteries heat can be generated, if this heat output is too high, a fire may occur, for example, if the lithium-ion battery, charger or the cable is defective. Another major risk factor is thermal runaway of lithium-ion batteries. To combat this major issue we introduced a lithium-ion storage cabinet.

KEY FEATURES:

- **Robust construction and longevity:** triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- **Easy and comfortable handling:** smooth doors with permanent self-locking via oil-dampened door closer. Open doors with minimum amount of force
- **No unauthorised use:** door lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)
- **Easy transport:** integrated transport base for internal transportation, base cover available as an option
- **Easy alignment:** adjusting aids to compensate for uneven floor
- **All-around protection:** 90-minute fire protection from outside to inside (type 90 / type tested in accordance with EN 14470-1) and for more than 90-minutes fire resistance for fires from inside to outside
- **Ventilation:** integrated technical ventilation to avoid heat build-up, turning wheel in the exhaust grate as in indicator of sufficient technical ventilation
- **Safe storage and charging:** installed 3-stage warning and fire suppression system including smoke detector, temperature sensor, visual and acoustic alarms and fire suppression unit, triggers automatically in case of a fire, plug in ready for connection to mains supply.
- **All-round protection:** 90-minute fire protection from outside to inside and for more than 90 minutes fire resistance.
- **Available equipment:** height-adjustable grids shelves with load capacity of 180 kg, Bottom collecting sump, high-quality outlet strip with metal housing for each storage/charging level



SPECIFICATIONS & DIMENSIONS

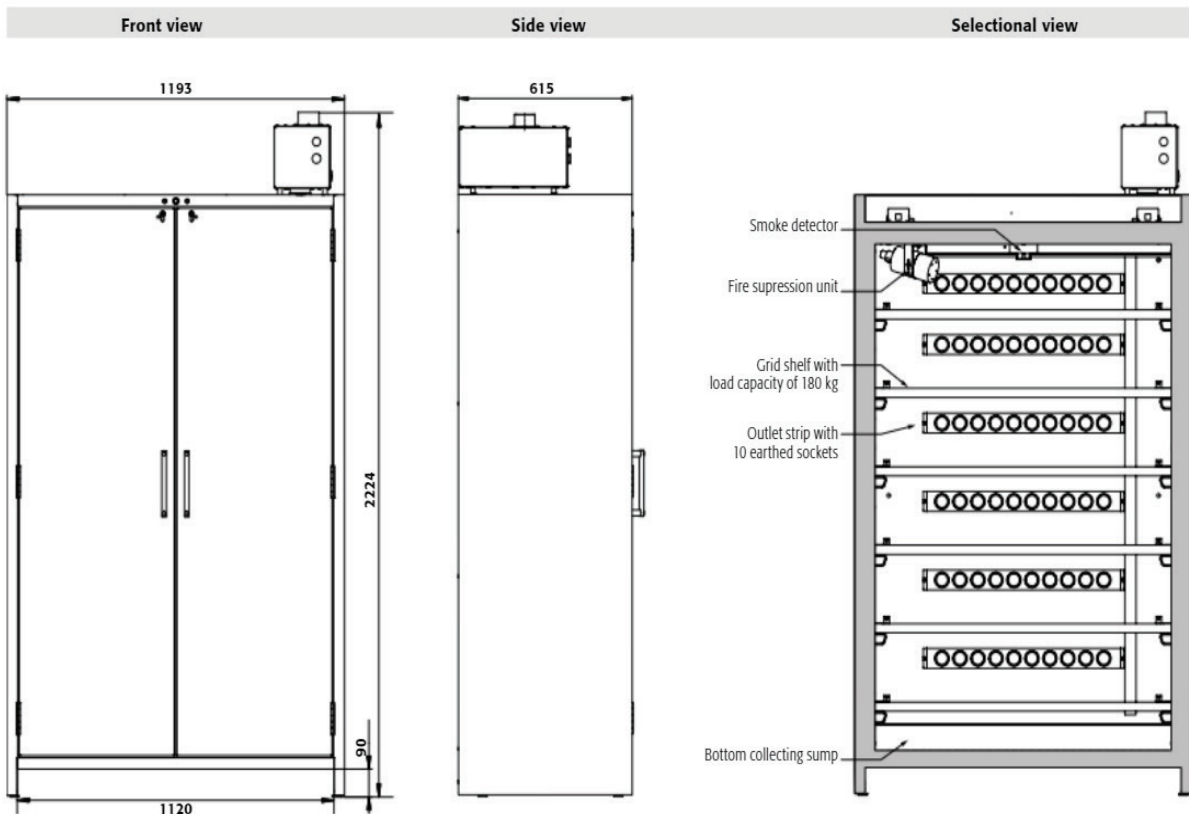
You can rest easy in the knowledge that you can charge your batteries overnight and they will be protected by a 90-minute fire-rated cabinet that has smoke detection and fire suppression built-in.

DIMENSIONS:

External	1,193W x 615D x 2,24H (mm)
Internal	1,050W x 522D x 1,647H (mm)

SPECIFICATIONS:

Cabinet Weight	424 Kg
Loading	Max 180 Kg evenly distributed load per shelf.
Storage	4 No. Grid shelves and 1 no. Bottom collecting sump.
Spillage Collection	33 L Leak tested, welded steel, liquid collection sump in base.
Access	Single hinged wing door
Finish	33 L Leak tested, welded steel, liquid collection sump in base.



900 LITHIUM ION STORAGE & CHARGING CABINET

90 MINUTE FIRE-RATED

MODULE FOR REMOTE SIGNALLING

The module offers alarm forwarding via the mobile phone network (SMS/call) and is therefore especially suitable for companies and facilities without a central building management system. In an emergency, the immediate alerting of one or several defined persons is triggered.

The module is easily installed on-site by the customer via plug (also suitable for retrofitting) and offers the following functions:

- Five programmable telephone numbers
- Configurable message texts
- Collective alarm in case of an emergency or power failure

A SIM card is required for the initial operation of the module, which must be provided by the customer. Alternatively, the included SIM card (for European and UK use only) can be activated via an online portal.

The Remote signalling module is suited for the PRO modules, as well as for all BATTERY CHARGE cabinets

RELAY MODULE

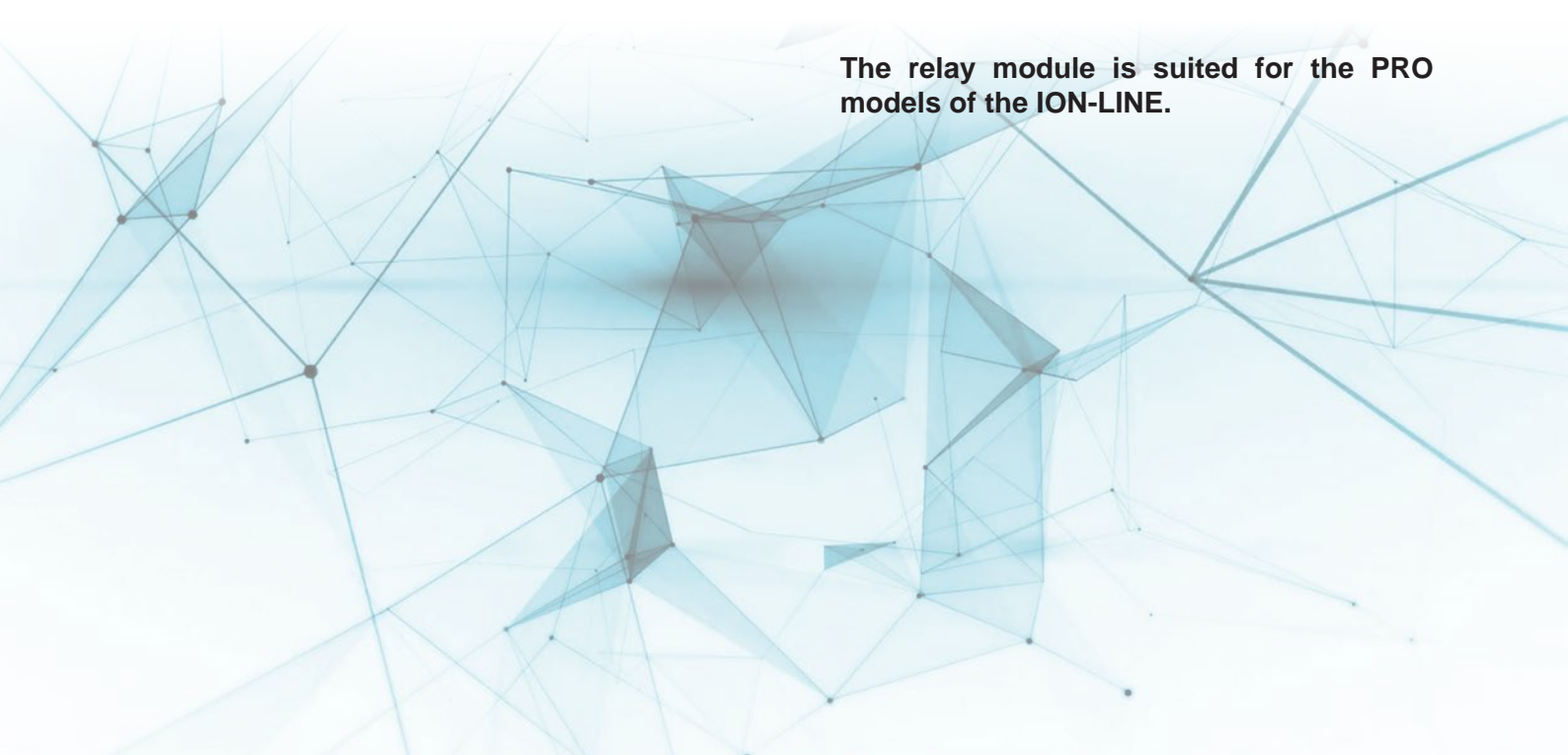
By choosing this option, you are opting for alarm differentiation instead of a collective alarm.

The module is easily installed on-site by the customer (also suitable for retrofitting) and differentiates between four different warning and alarm levels:

- Warning message at a temperature above 50°C inside the cabinet.
- Alarm level 1
- Alarm level 2
- Power Failure

Via potential-free alarm contacts, these signals are passed on to a central control centre. With the clear differentiation of the alarm conditions, you can initiate optimally coordinated measures.

The relay module is suited for the PRO models of the ION-LINE.



**Rest easy with the
knowledge that
you can charge
your batteries
overnight**



COMMUNICATE ANYTIME, ANYWHERE



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