

APPROVED  
EN14470-1  
EN1363-1TESTED  
EN14470-1Fume hoods, filtering  
cabinets - VentilationLithium  
cabinetsFlammable  
cabinetsCorrosive  
cabinetsToxic cabinets  
and MultiriskContainment  
and cansFile cabinets  
Anti-fire equipmentsShowers and first-  
aid equipments

## CABINETS WITH COMPARTMENTS FOR LITHIUM BATTERIES



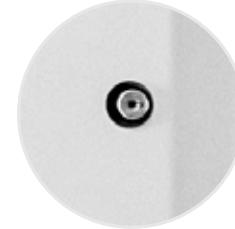
794+LIAC5S



795+LI2AC10S

Pictograms  
on the doorLocker equipped with  
a socket

Numbered locker

Key lock  
as standard

### COMPLIANCE

- Fire resistance (from outside to inside) tested for 105 min and approved for 90 min, in accordance with EN 14470-1 & EN 1363-1.
- Fire-stop construction (from inside to outside) certified EI 180 min type A1, in accordance with standard NF EN 13501-2.
- Tested and approved to FM6050 standard.
- Regulation-UE-2023/1542. Article 42-4. Storage or transport conditions ensure battery compliance.
- Complies with level 2 of standard EN 16121+A1 (opening/closing of 80000 cycles and shelf loading defined by the manufacturer).
- Standardised pictograms comply with ISO 3864 and ISO 7010 standards, as well as European Directive 92/58/EEC.

### CONSTRUCTION

- Steel construction and triple-walled double thermal insulation.
- External walls in 12/10th grade steel and RAL 9010 white epoxy paint. Black RAL 9005 for references: 794+NLI, 795+NLI.
- Thermal insulation panels to reduce thermal bridges.
- Melamine interior panels.

### EQUIPMENT

- 5 or 10 compartments (20cm high) secured with key or code lock.
- Perforated shelves with 50 KG load capacity.
- Removable containment sump at bottom (Ref. B148).
- Fire extinguisher automatically triggered at 79°C by special lithium thermal bulb (Ref. EX100LI).
- Thermo-expanding door seals.
- Self-closing doors.
- Key lock.
- Ventilation ports with 100 mm dia. ventilation outlet for possible

connection.

- Ventilation ducts with hot-melt system to isolate the contents of the enclosure in the event of fire.
- Fixing point for earthing.
- Type E 220v electrical socket in each locker.

### OPTIONS

- Code lock for cabinet (ref.SERCODE).
- Ventilation box (ref.CDVA).
- Connection kit (ref.KRC).
- Connected smoke detector (ref.ALARMWI).
- 4-socket safety inverter (ref.ONDULI).

### VENTILATION

All cabinet models are fitted with ventilation ports, enabling them to be connected to a ventilation system. Forced ventilation is strongly recommended to prevent the build-up of internal heat or the stagnation of vapours in the event of an electrolytic fluid leak. These cabinets can be connected to a ventilation box (see additional options).

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EN14470-1  
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EN14470-1EI 180  
FIREWALL EN13501-2

## PRE-EQUIPPED CABINETS

P/N		Description	External dimensions H x W x D (mm)	Internal dimensions H x W x D (mm) of compartments	weight (kg)
White	Black				
794+LIAC5	794+NLIAC5	1 door tall 90 minutes fire resistant cabinet for Li-ion batteries, pre-equipped with 5 shelves E48LI + 1 x EX100LI (extinguisher), 5 lockable compartments and a B148 containment sumps	1950 x 635 x 620 <sup>(1)</sup>	[227 x 410 x 340] x5	309
794+LIAC5S	794+NLIAC5S	1 door tall 90 minutes fire resistant cabinet for Li-ion batteries, pre-equipped with 5 shelves E48LI + 1 x EX100LI (extinguisher), 5 compartments with code lock (SERCODE) and a B148 containment sumps	1950 x 635 x 620 <sup>(1)</sup>	[227 x 410 x 340] x5	309
795+LI2AC10	795+NLI2AC10	2 doors tall 90 minutes fire resistant cabinet for Li-ion batteries, pre-equipped with 5 shelves E35LI + 2 x EX100LI (extinguisher), 10 lockable compartments and 2 B148 containment sumps	1950 x 1137 x 620 <sup>(1)</sup>	[227 x 410 x 340] x10	484
795+LI2AC10S	795+NLI2AC10S	2 doors tall 90 minutes fire resistant cabinet for Li-ion batteries, pre-equipped with 5 E35LI shelves + 2 x EX100LI (extinguisher), 10 compartments with code lock (SERCODE) and 2 B148 containment sumps	1950 x 1137 x 620 <sup>(1)</sup>	[227 x 410 x 340] x10	484

(1) Height including top connection sleeve. Height without sleeve: 1900 mm

## ADDITIONAL OPTIONS



SERCODE



ONDULI



SED



CDV-A



KRC



ALARMWI

P/N	Description	Weight (kg)
SERCODE	Digital code lock for each locker / compartment, with security key	1
ONDULI	4-socket safety UPS (H 90 x W 163 x D 245 mm - 230 volts - 300 watts - 500 volt amperes)	3,5
SED	WiFi alarm and data logger system	1
CDV-A	Steel ventilation box	-
KRC	Connection kit (between box and cabinet)	-
ALARMWI	Connected smoke detector with alarm on mobile application in the event of triggering with wifi connection	-

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