



**LITHIUM SAFETY
CONTAINERS**

Lithium Safety Containers 10ft Storage P



PRODUCT OVERVIEW:

Our safe storage containers for lithium batteries offer an advanced solution for the safe storage and management of energy storage systems. With a focus on maximum safety, reliability, and flexibility, our containers are designed to meet the specific needs of various industries and applications.

SPECIFICATIONS:

- 10 FT CSC certified
- outside dimensions: 2990 x 2440 x 2590mm
- inside dimensions: 2800 x 2350 x 2390mm
- AF-X Fire blocker
- CO, smoke, and thermal detection & H2 Hydrogen gas detection, EX Detection
- Complies with PGS37-1, EN50110 / NEN3140, NEN1010 • KIWA certified
- 90 minutes fire resistance (WBDBO) • LED lighting & motion sensor
- Overpressure protection
- Air conditioning unit (5kW)
- Storz connection with sprinkler heads & water drainage • Subdivision of 16A 230V, Standard*
- Swing door with SKG*** lock (panic lock) • Fire-resistant penetrations
- Mechanical ventilation system - at least 6 times the gross-EOS volume per hour in combination with an interlock
- Emergency stop (External & Internal) with indicator light • Fire extinguishing & control panel

- Backup power battery for safety system installation
- Reporting to PAC
- Emergency exit indication
- Battery status on exterior with a red, yellow, and green lamp
- Access for emergency services
- Carbon monoxide alarm on the exterior
- Flashing siren that goes off in case of fire
- Surge & lightning protection
- Safety pictograms

ADDITIONAL COSTS:

- Notification to Private Alarm Centre
- 4G Connection for fault notification & remote service
- Maintenance & service subscription for fire extinguishers

1 Year

€128/MO

3 Years

€105/MO



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POWER AND INTERFACES:

Power Input: 230 V - 16A - 50Hz
Communication Interface: INIM Previdia Micro SEZG
Notification: LSC control panel
Interface with BMS (automatic battery system shutdown)
Self-developed safety PLC
Total protection of the battery system through intelligent communication
Possibilities for 300mm cable entries (fire-resistant up to 90 minutes)
4G & Alarm signaling to the control center throughout Europe

FIRE RESISTANCE:

Magoxx board, used methods:
EN 1363-1:2012
EN 1364-1:2015
Non-loadbearing wall partition with wooden studs, up to 3 m:
EI 60, EW 90, E 90

SAFETY AND CERTIFICATION:

Safety Certifications: KIWA BRL k21045, NEN-1010, NEN-3140
Warranty: 2-years

SERVICE AND MAINTENANCE:

- Extinguisher system: maintenance twice a year
- Air-conditioning: twice a year inspection & cleaning
- General inspection of container: once a year

