



**LITHIUM SAFETY
CONTAINERS**

Lithium Safety Container 20ft Storage PGS



PRODUCT OVERVIEW:

Lithium Safety Containers are the perfect solution for the safe storage of lithium batteries. Our solutions comply with the PGS37 guidelines in the Netherlands, as well as European guidelines and fire department requirements. 90 minutes fire resistant and KIWA certified. With our advanced aerosol extinguishing and detection system, we detect fires earlier and control them faster.

SPECIFICATIONS:

- 20 FT CSC certified
- outside dimensions: 6060 x 2440 x 2590 mm
- inside dimensions: 5890 x 2350 x 2390 mm
- AF-X Fire blocker aerosol system, conform NEN-EN 15276-1:201977
- CO, smoke and heat detection
- Complies with the Dutch PGS37-2-guidelines, as well as EN50110 / NEN3140, NEN1010
- KIWA certified / BRL K21045
- 90 minutes WDBDO (resistance to fire penetration and spread)
- LED lighting with motion sensor
- Explosion relieve system
- Airconditioning unit
- Storz connection (dry) with sprinkler heads
- Power connection 16A 230V
- All necessary safety icons
- Sound and optical beacons on the outside
- IOT monitoring via intelligent fire alarm panel

HOW TO USE?:

- Stores up to 10,000kg of lithium batteries
- Pallet storage
- Storage with shelving
- Connects to a 230V CEE plug (blue)
- 4G connection & call forwarding works instantly
- Plug & Play
- For indoor installation, ask for options

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

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

