General Product Safety Regulation

BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker





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Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponeerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

General Product Safety Regulation (GPSR) Document

Product name: BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker
Manufacturert: Lo Minck Mobility BV
Location: Gansoord 80, 2165 BD Lisserbroek, The Netherlands
Version: 1.0

1. Introduction

This document has been prepared in accordance with the **General Product Safety Regulation (EU) 2023/988** and demonstrates that the BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker product complies with safety requirements when used as intended.

2. Product Description

Productname: BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker
Type: Fire-safe storage and charging cabinet for batteries/accumulators
Target Group: Consumers, businesses, public institutions, and industrial users
Purpose: Fire-safe storage and charging of batteries in enclosed compartments

Material:
- Casing: High-quality powder-coated steel
- Internal components: Powder-coated steel and fire-resistant materials

Technical Specifications:
- Charging Points: 230V/16A grounded sockets
- Safety: Automatic power cut-off in case of overload
- Locking System: Mechanical lock, key, or RFID/app access

Features:
- Fire-safe design with smoke exhaust
- Modular system for expanding storage capacity
- Suitable for various types of batteries/accumulators

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3. Risk Assessment

3.1 Risk Identification

The following risks have been identified for the use of the BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker:

Risk	Description	Measure
Electrical Risks	Overheating, short circuit	Automatic power cut-off (circuit breaker trips)
Fire Hazard	Risk of fire due to misuse	Secure fireproof safe with external smoke exhaust
Mechanical Risks	Pinching during closure	Safety mechanism and rounded edges
Misuse	Incorrect connection or overload	Clear usage instructions and warning labels

3.2 Risk Analysis

The risks have been assessed based on severity and likelihood. The implemented measures minimize all identified risks.

3.3 Risk Management

The following measures have been implemented:

- Automatic power cut-off in case of overload or short circuit.
- Fireproof materials and venting for heat and smoke exhaust.
- Mechanical lock for secure closure.
- Clear instructions and warning labels for safe use.

4. Compliance with Regulations and Standards

The BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker product complies with the following guidelines and standards:

- **EU 2023/988**: General Product Safety Regulation
- **EN 60335-1**: Safety of electrical appliances
- **VDMA 24994:** Fire protection during storage of lithium-ion batteries

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5. Instructions for Use and Warnings

5.1 Installation

- Installation must be carried out by a **qualified installer**.
- Ensure a stable, flat surface when placing the **BatteryBox**.
- Follow the provided installation manual for correct assembly.
- Ensure placement allows for external smoke exhaust.

5.2 Use

- Place batteries in the designated compartments and connect the power supply. The adapter/charger is placed in the space below the safe.
- Ensure the compartment door is closed during charging.
- Only use approved chargers and accessories in the **BatteryBox**.

5.3 Warnings

- Do not use if there is visible damage to cables or connections.
- Avoid overloading the sockets.
- Keep children away from the **BatteryBox** without supervision.

6. Declaration of Conformity

Manufacturer:
Lo Minck Mobility BV
Gansoord 80,
2165 BD Lisserbroek, The Netherlands
Tel: +31-(0)252-420384
E-mail: sales@lo-minck.nl

Lo Minck Mobility BV hereby declares that the BatteryBox/BatteryBoxXL/Transport/FireSafetyLocker product complies with the requirements of the **General Product Safety Regulation (EU) 2023/988** and all applicable standards.

Signature:

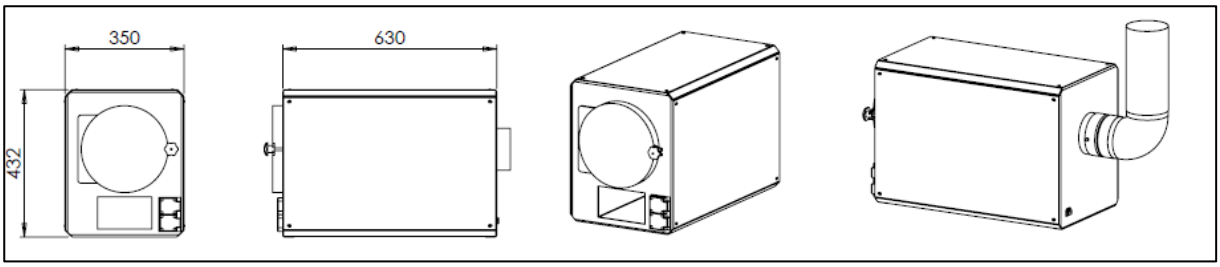
Name: Arjan Minck
Position: Director
Date: 03-02-2025

7. Appendices

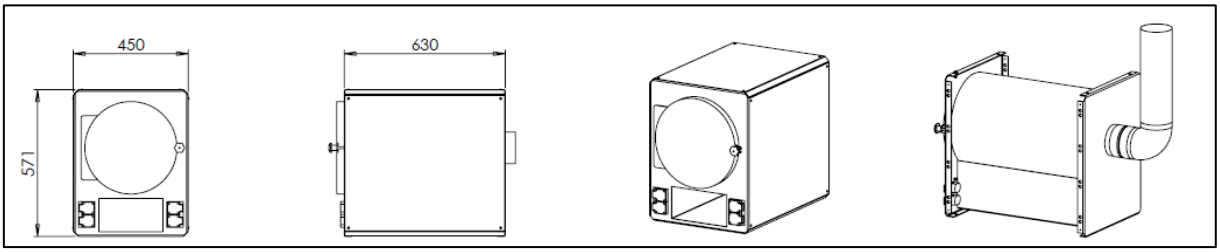
1. Technical drawings

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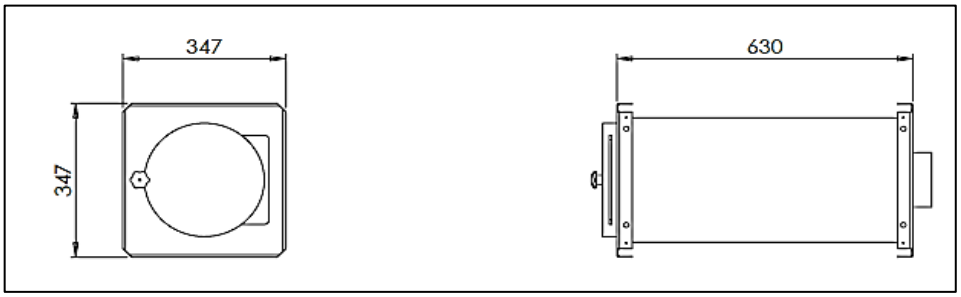
Appendix 1



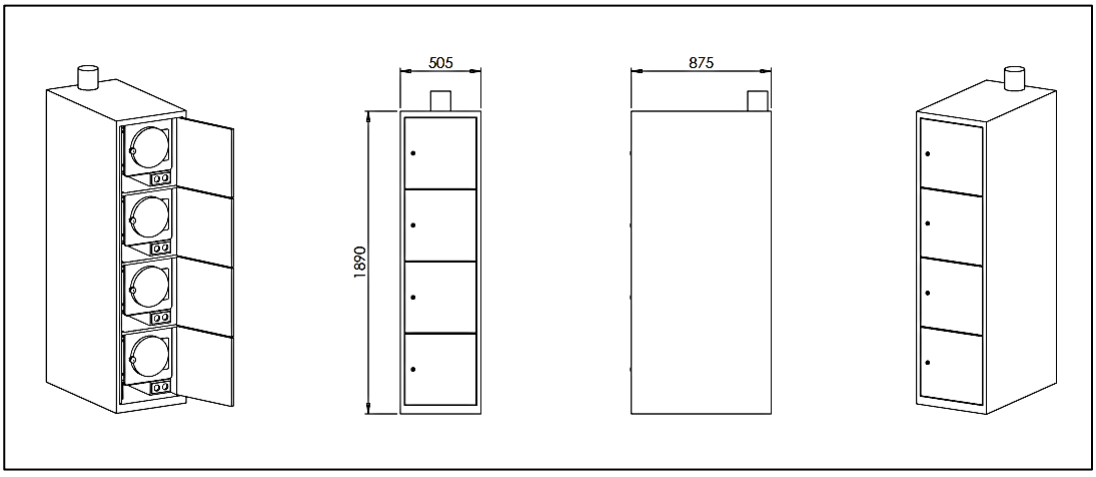
BatteryBox



BatteryBoxXL



BatteryBoxTransport



FireSafetyLocker

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