

General Product

Safety Regulation

Battery Charging Locker



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General Product Safety Regulation (GPSR) Document

Product Name: Battery Charging Locker

Manufacturer: Lo Minck Mobility BV

Location: Gansoord 80, 2165 BD Lisserbroek, The Netherlands

Version: V2.0

1. Introduction

This document outlines the safety measures and compliance of the **Battery Charging Locker** product, an innovative solution from **Lo Minck Mobility BV**, and demonstrates its compliance with the safety requirements outlined in the **General Product Safety Regulation (EU) 2023/988**.

2. Productdescription

Product Name: Battery Charging Locker

Type: Charging locker for e-bike batteries and other portable electric devices

Target Group: Consumers, businesses, public institutions, and bicycle parking facilities

Purpose: Safe storage and charging of e-bike batteries and portable devices in enclosed compartments.

Material:

- **Casing:** Stainless Steel 304
- **Interior:** Stainless Steel 304

Technical Specifications:

- **Charging Points:** 230V/16A grounded sockets
- **Protection:** Automatic power cut-off in case of overload
- **Locking System:** Mechanical or electronic locks (optional RFID access)
- **Classes:** Indoor, IP53 (covered) and IP54 (outdoor)

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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.

3. Risk assessment

3.1 Risk identification

The following risks have been identified for the use of **Battery Charging Locker**:

Risk	Description	Measure
Electrical risks	Overheating, short circuit, or fire hazard	Charging in enclosed compartments, power group cut-off
Mechanical risks	Pinching or injury during closure	Safe design with rounded and covered edges
Improper use	Incorrect connection or overload	Clear instructions and warning labels
Vandalism or theft	Unauthorized access to the locker	Robust material and strong locks

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 taken:

- Automatic power cut-off in case of overload or short circuit.
- Charging of batteries in individual compartments.
- Clear usage instructions and warning labels.
- Robust materials.

4. Compliance with Regulations and Standards

The **Battery Charging Locker** product complies with the following guidelines and standards:

- **EU 2023/988**: General Product Safety Regulation
- **EN 60335-1**: Safety of electrical appliances

5. Instructions for Use and Warnings

5.1 Installation

- Connect the Battery Charging Locker to a 230V/16A power supply.
- Ensure a stable, flat surface when placing the locker.

5.2 Use

- Place the battery or device in the compartment and connect the power socket.
- Ensure the door is closed when using the compartment.
- Only use approved chargers in the Battery Charging Locker.

5.3 Warnings

- Do not use with damaged power cables or connections.
- Avoid overloading the socket.
- Not suitable for explosive or damaged batteries.
- Keep children away from electrical connections and closures.
- Only use original parts and power supplies.

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 Battery Charging Locker product complies with the requirements of the General Product Safety Regulation (EU) 2023/988 and all applicable technical standards.

Signature:



Name: Arjan Minck

Position: Director

Date: 03-02-2025

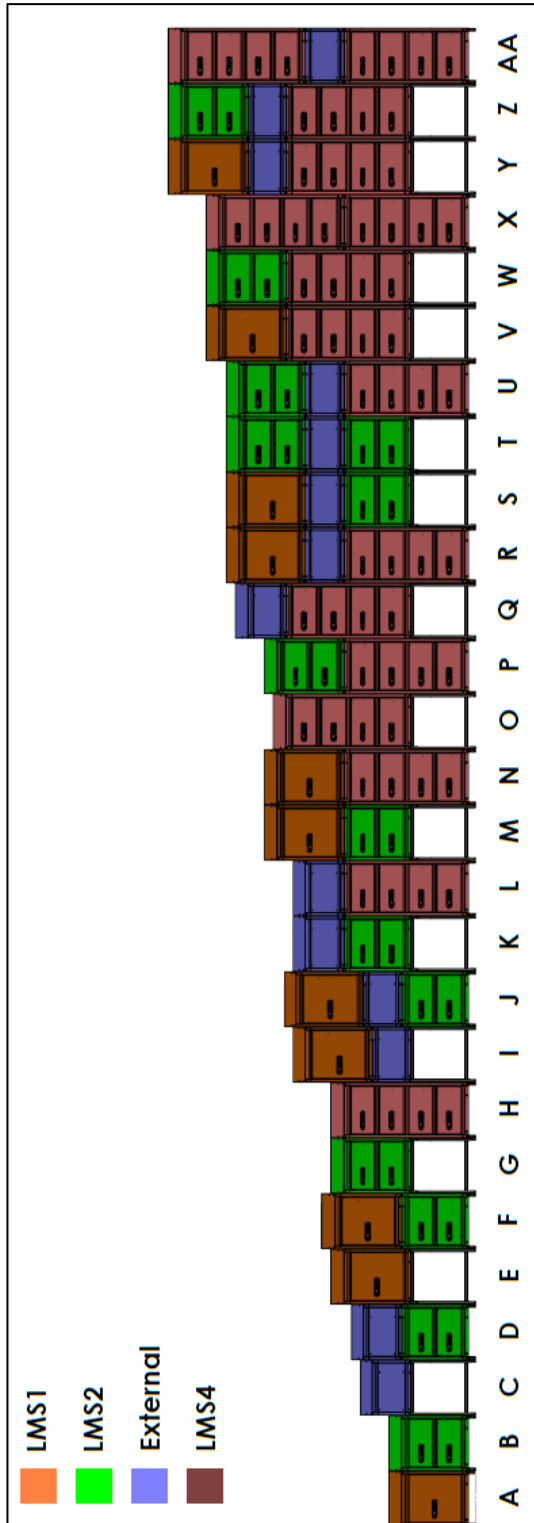
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7. Appendices

1. Technical drawings

Appendix 1



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