

General Product Safety Regulation

B2MinckCharge

Single-sided, Double-sided



Index

General Product Safety Regulation (GPSR) Document	2
1. Introduction.....	2
2. Product description	2
3. Risk assessment.....	3
3.1 Risk identification	3
3.2 Risk analysis	3
3.3 Risk Management.....	3
4. Compliance with Regulations and Standards.....	4
5. Instructions for Use and Warnings.....	4
5.1 Installation	4
5.2 Use	4
5.3 Warnings	4
6. Declaration of Conformity	5
7. Appendices.....	6
Appendix 1.....	7

Mobiliteitsoplossingen - Mobility Solutions - Mobilitätslösungen - Solutions de Mobilité

Gansoord 80 | 2165 BD Lissersbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 77815092 | BTW: NL861156687B01 | BIC: RABONL2U | IBAN: NL95RABO 0328101524 | SC: 990260 | EORI: 861156687
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: B2MinckCharge

Origin: The Netherlands

Manufacturer: Lo Minck Mobility BV, Lisserbroek, The Netherlands

Version: V1.0

1. Introduction

This document has been prepared in accordance with the **General Product Safety Regulation (EU) 2023/988** and demonstrates that the **B2MinckCharge** product meets safety requirements when used as intended.

2. Product description

Product Name: B2MinckCharge (various versions: single-sided, double-sided)

Type: Bicycle parking system with integrated charging points for electric bicycles

Target Group: General consumers, businesses, municipalities, and the public sector

Purpose:

- Provide stability and comfort when parking bicycles
- Offer charging capabilities for electric bicycles

Material:

- **Frame/brackets:** Hot-dip galvanized steel
- **Attachment bracket:** Stainless steel + powder coating (RAL6018)
- **Cable covers:** Electrolytically galvanized steel

Technical Specifications:

- **Charging points:** IP66 water- and dust-resistant connections
- **Electrical components:** Female/Male connectors with plug-and-play connection
- **Voltage group:** 230V/16A (for up to 8 charging points)

Dimensions: Variable depending on model (spacing: 375mm, 400mm, 500mm, 600mm)

Maximum Tire Width: 22mm to 65mm

3. Risk assessment

3.1 Risk identification

The following risks have been identified for the **B2MinckCharge**:

Risk	Description	Measure
Electrical risks	Short circuit	IP66-certified connections and cabling
Mechanical risks	Pinching during bicycle placement	Safe design with rounded edges
Use of incorrect voltage	Damage to charging points	Technical documentation and warning labels
Water or dust ingress	Reduced electrical safety	Use of IP66 components
Improper use	Incorrect connection of bicycles	Installation manual and clear instructions

3.2 Risk analysis

The risks have been assessed based on severity and likelihood. Measures have been implemented to minimize and eliminate risks.

3.3 Risk Management

The following measures have been implemented:

- **IP66 water- and dust-resistant connections** to minimize electrical risks.
- **Plug-and-play connectors** to prevent incorrect installation.
- Clear installation and operating instructions.
- **Hot-dip galvanized steel** for a robust and durable structure.

4. Compliance with Regulations and Standards

The **B2MinckCharge** product complies with the following relevant guidelines and standards:

- **EU 2023/988**: General Product Safety Regulation (GPSR)
- **IEC 60529**: IP66 classification for protection against dust and water
- **EN 60335-1**: Safety of household electrical appliances
- **CE Marking**: Declaration of conformity for electrical and mechanical safety (available per project upon request)

5. Instructions for Use and Warnings

5.1 Installation

- Follow the installation manual for correct assembly.
- Connect the system to a **230V/16A power supply**. Up to 8 charging points per 230V/16A group.
- Check the IP66 connectors and ensure a watertight connection.

5.2 Use

- Place bicycles correctly in the **B2MinckCharge** parking system.
- Connect the bicycle to the charging point using the provided connectors.
- Ensure unused charging points are covered with the protective cap.

5.3 Warnings

- Do not use with damaged cables or connections.
- Use only original connectors and cables.
- Do not expose to heavy mechanical loads.
- Ensure children do not use the product unsupervised.

6. Declaration of Conformity

Manufacturer:

Lo Minck Mobility BV
Gansoord 80,
2165 BD Lissersbroek, Nederland

Lo Minck Mobility BV hereby declares that the **B2MinckCharge** product complies with the requirements of the **General Product Safety Regulation (EU 2023/988)** and all applicable standards.

Signature:



Name: Arjan Minck

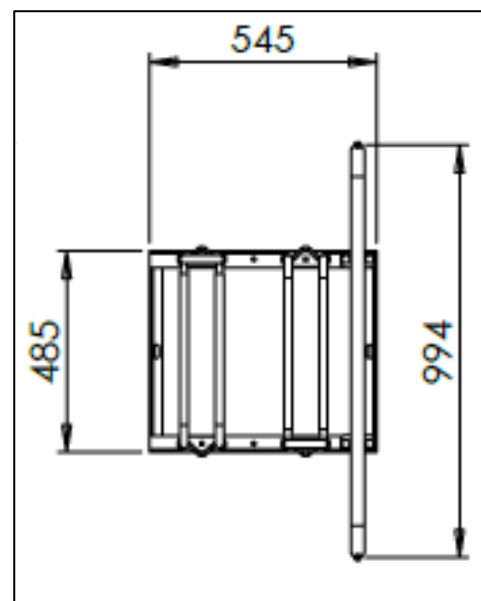
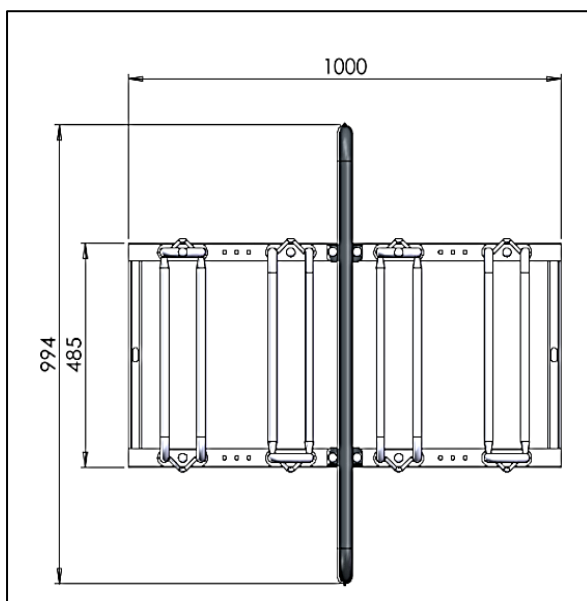
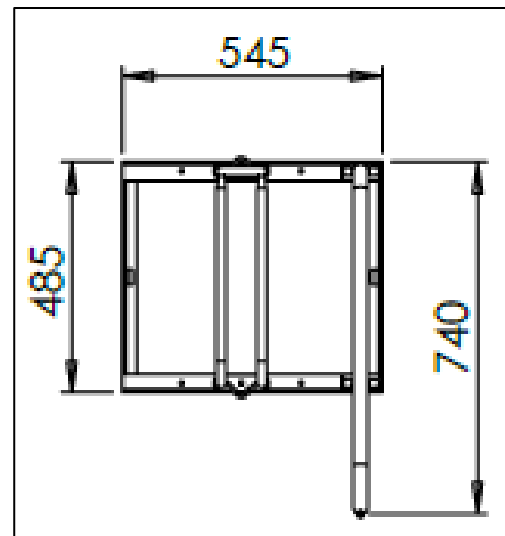
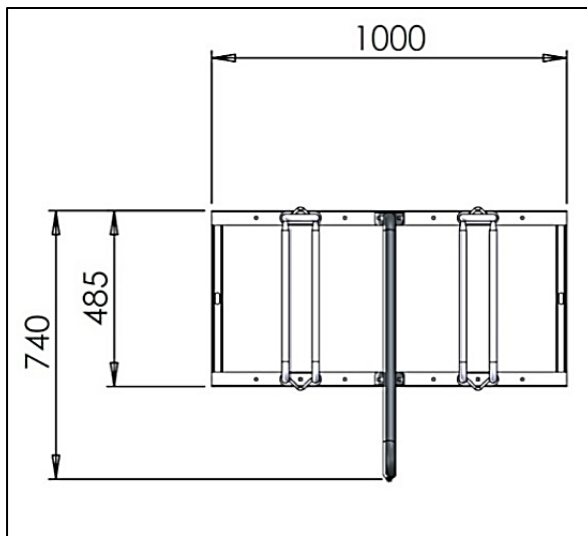
Date: 03-02-2025

7. Appendices

1. Technical drawings
2. Product specifications (available upon request)
3. Installation manual (available upon request)

Appendix 1

Technical drawing, from left to right from top to bottom, Single sided, single single sided, double sided, single double sided.



Mobiliteitsoplossingen - Mobility Solutions - Mobilitätslösungen - Solutions de Mobilité

Gansoord 80 | 2165 BD Lissersbroek (NL) | T: +31-(0)252-420384 | www.lo-minck.nl | info@lo-minck.nl
KvK: 77815092 | BTW: NL861156687B01 | BIC: RABONL2U | IBAN: NL95RABO 0328101524 | SC: 990260 | EORI: 861156687
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.