

BATTERYBOX



Safe Battery Charging

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“Safe unattended battery charging”

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The **BatteryBox** is a high-quality charging cabinet for the (fire) safe storage and charging of lithium-ion batteries. Due to the unique cylindrical design and the innovative pressure relief valve, **BatteryBox** is resistant to the explosive pressure that occurs during a battery fire and keeps control over the fire and the high temperatures that can reach 1,200°C. **BatteryBox** is completely fire-resistant for an unlimited number of minutes.

BatteryBox has been extensively tested with critical defective batteries and is certified by renowned test institutes such as KIWA and MPA Dresden. **BatteryBox** meets the strictest safety requirements of insurers.

The separate storage of the battery and charger prevents the temperature in the **BatteryBox** from rising unnecessarily, which has a positive effect on the lifespan of your bicycle battery and reduces the risk of ignition.

The **BatteryBox** is preferably equipped with a safe smoke exhaust with outlet to the outside air (=VDMA requirement), so that toxic smoke gases and flying cell particles are discharged to the outside air.

BatteryBox can be configured modularly. The charging capacity can therefore be adapted to any specific situation and easily expanded.

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BatteryBox

BatteryBox*XL*

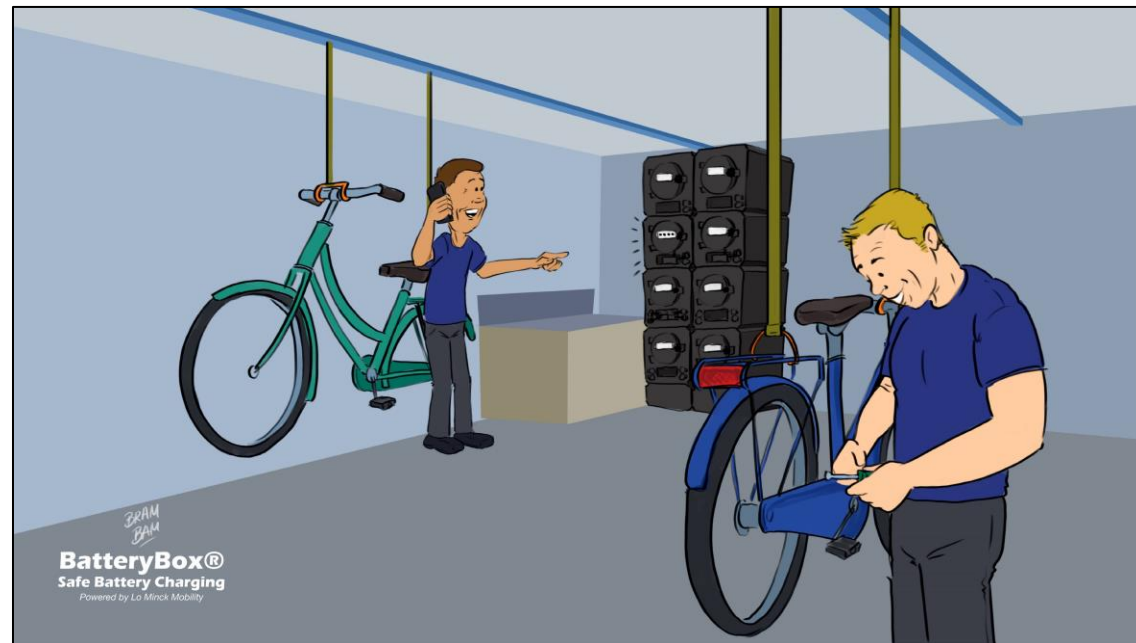
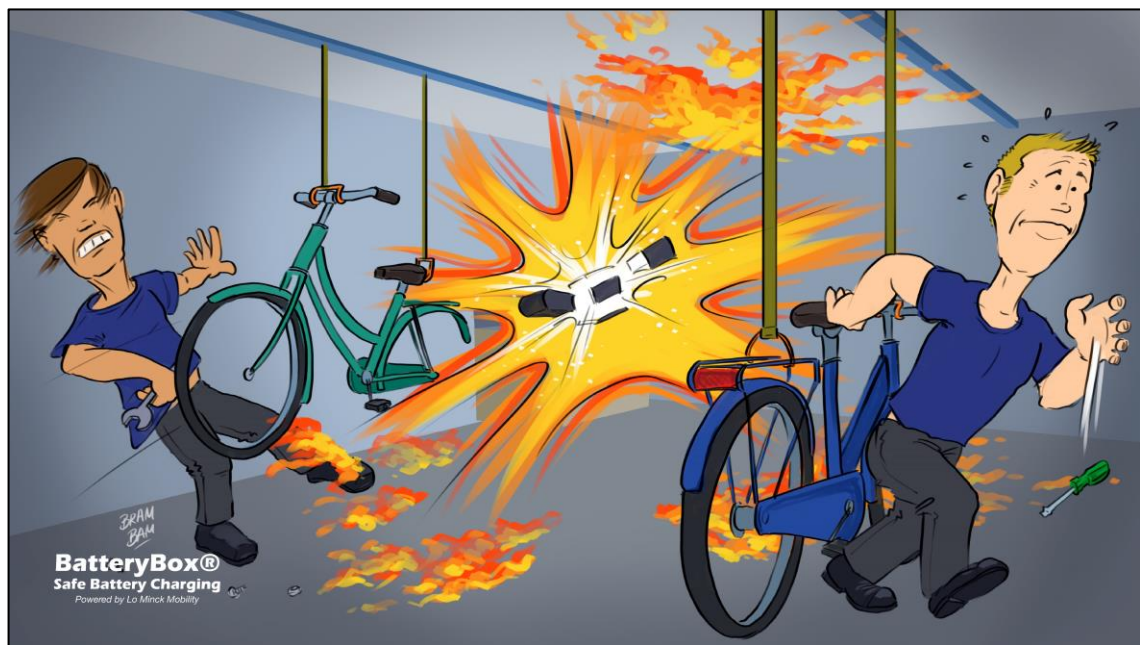
BatteryBox*Transport*

*FireSafety***Locker**

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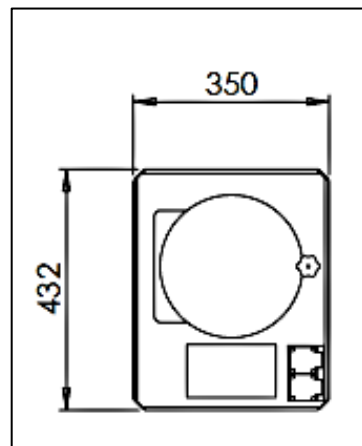


The cylindrical design and integrated innovative pressure relief valve of the **BatteryBox** guarantee safe storage and fire-safe charging of lithium batteries. The maximum capacity of **BatteryBox** is 2,000Wh. In practice, the **BatteryBox** offers space for charging 2 regular bicycle batteries.

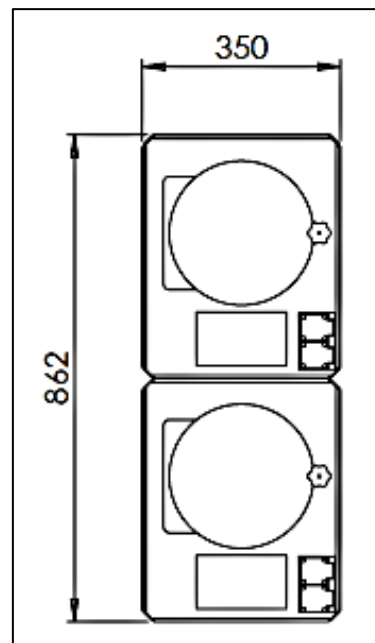
Fire resistant	: Full and unlimited
Capacity	: Max. 2,000Wh
Dimensions, external (lxwxh)	: 630x350x432mm
Dimensions, internal (lxwxh)	: 550x254x254mm
Weight	: 22kg
Material	: Steel; housing: 2mm, door: 3mm
Door	: Steel, reinforced with double steel ring
Door diameter	: 25.4cm
Tube rubber	: Non-flammable, suitable for cable passage
Finish (exterior)	: Powdercoating RAL7016
Alarm	: Audio and visual door detection/control system
Sockets	: 2x Grounded-Euro 50x50mm



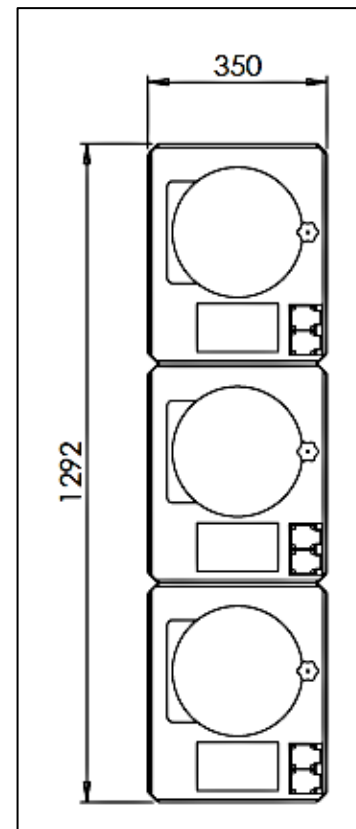
BatteryBox



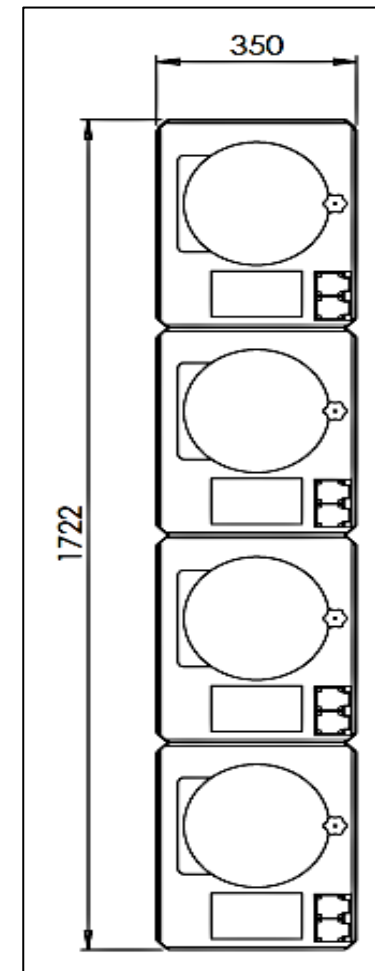
Single



Duo



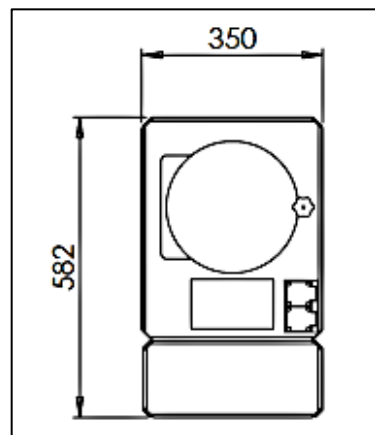
Triple



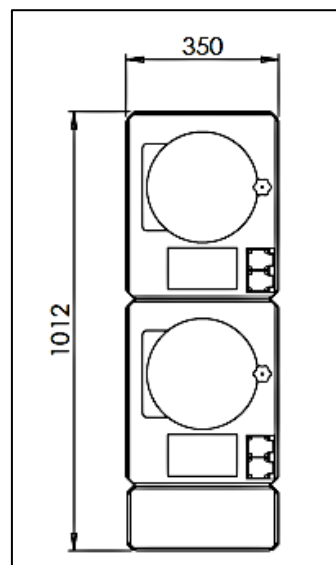
Quadruple

BatteryBox

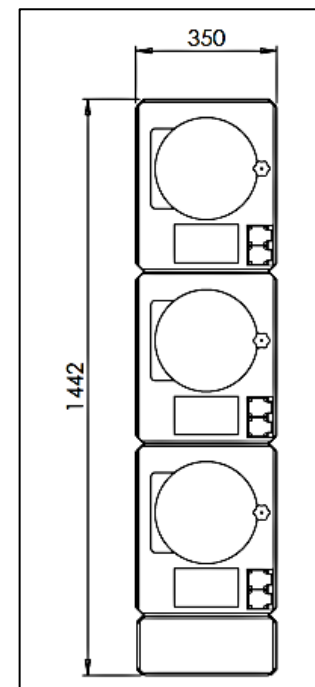
Elevation frame



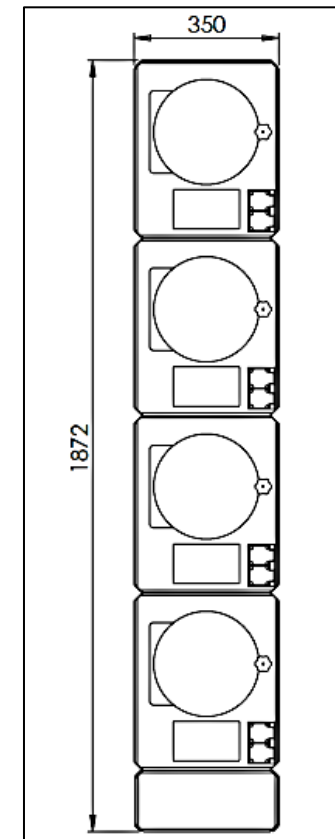
Single/frame low



Duo/frame low



Triple/frame low



Quadruple/frame low

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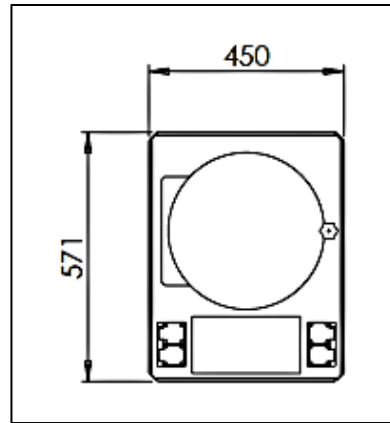
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BatteryBoxXL

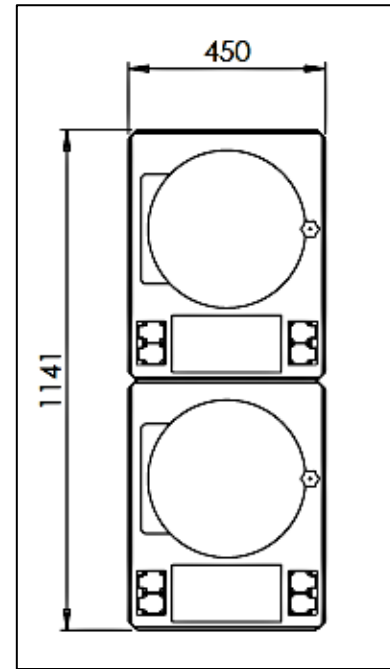
BatteryBoxXL is a larger edition of the BatteryBox with a maximum capacity of 3,700Wh. In practice, the **BatteryBoxXL** offers space for the fire-safe charging of 4 bicycle batteries.

Fire resistant	: Full and unlimited
Capacity	: Max. 3,700Wh
Dimensions, external (lxwxh)	: 630x450x571mm
Dimensions, internal (lxwxh)	: 550x314x314mm
Weight	: 48kg
Material	: Steel; housing: 2mm, door: 3mm
Door	: Steel, reinforced with double steel ring
Door diameter	: 31.4cm
Tube rubber	: Flame-resistant, suitable for cable passage
Finish (outside)	: Powder coating RAL7016
Alarm	: Audio and visual door detection/control system
Sockets (4x)	: Grounded-Euro 50x50

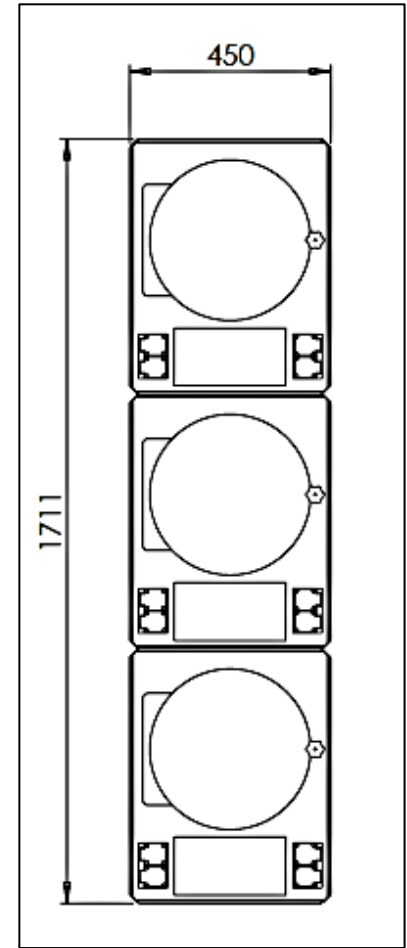




Single



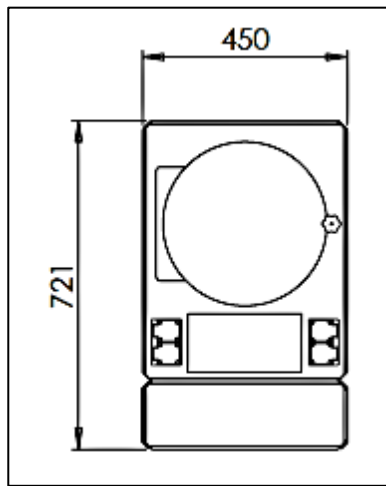
Duo



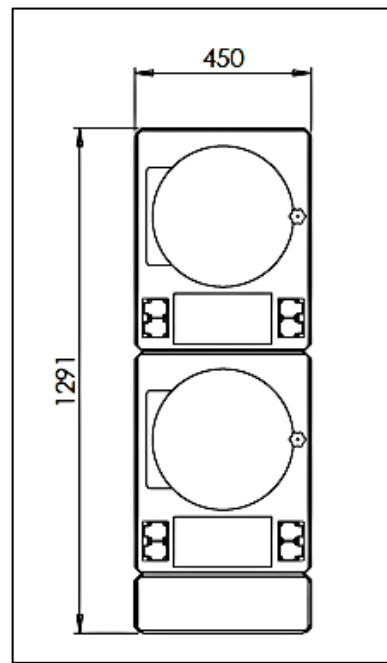
Triple

BatteryBoxXL

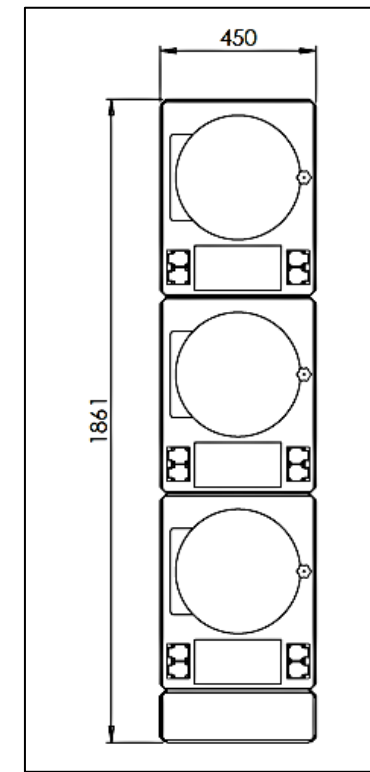
Elevation frame - Low



Single/frame low



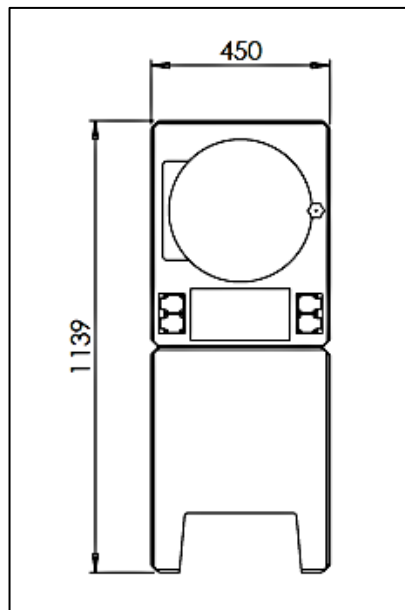
Duo/frame low



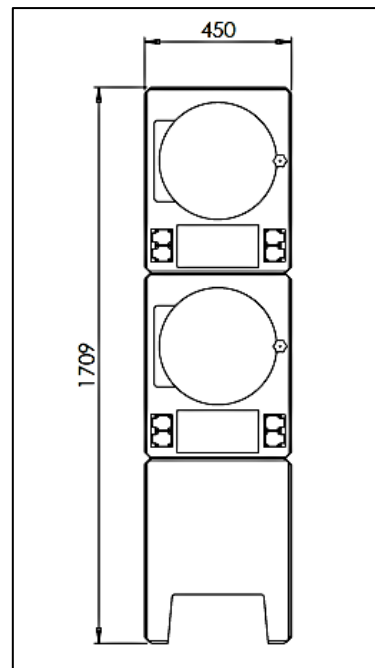
Triple/frame low

BatteryBoxXL

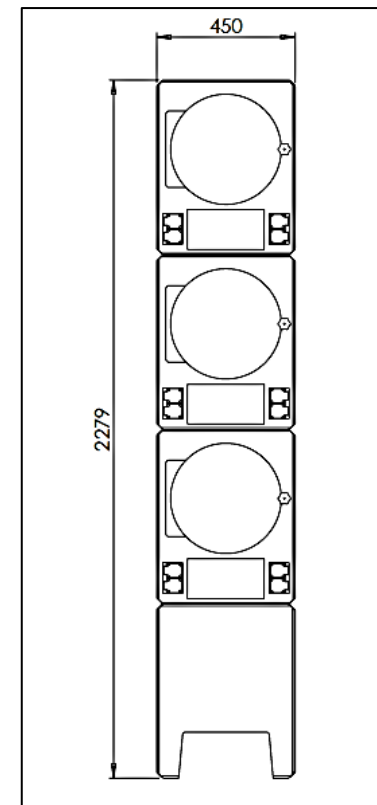
Elevation frame - High



Single/frame high



Duo/frame high



Triple/frame high

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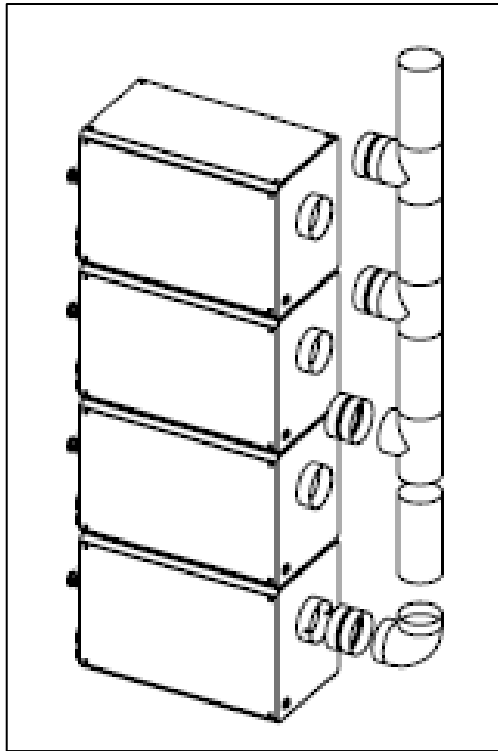
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BatteryBoxXL

Smoke exhaust

- According to the VDMA-guidelines, a charging cabinet must be equipped with a smoke exhaust with an outlet to the outside air.
- Safe smoke exhaust based on the use of the right materials and a correct installation is essential!



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Smoke exhaust



Smoke exhaust

- If a smoke exhaust with an outlet in the outside air is not possible, the smoke exhaust can be equipped with a smoke detector, which can optionally be linked to an alarm system.
- Although this solution does not comply with the VDMA-guidelines, the **BatteryBox** ensures that the consequences of a battery fire are limited to smoke damage.



BatteryBox*Transport*

BatteryBox*Transport* has been specially developed for installation in vans and responds to the increasing need for (fire) safe transport of lithium batteries. In recent years, vans have regularly burned out, sometimes with physical injury, because defective, damaged and/or inferior lithium batteries spontaneously ignited during transport.

BatteryBox*Transport* is not only suitable for fire-safe transport of e-bike batteries, but also for transporting batteries of hand tools, garden tools, etc.

User markets:

- Gardeners
- Pest controllers
- Bike sharing providers
- Technical companies
- Etc.

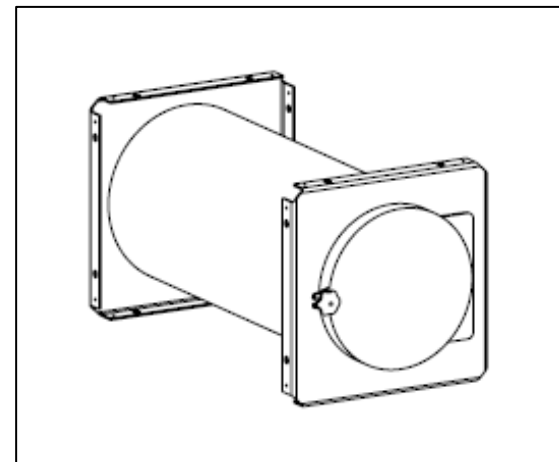
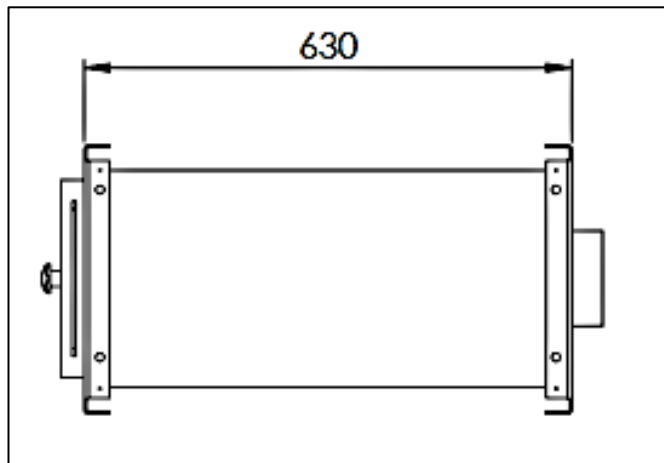
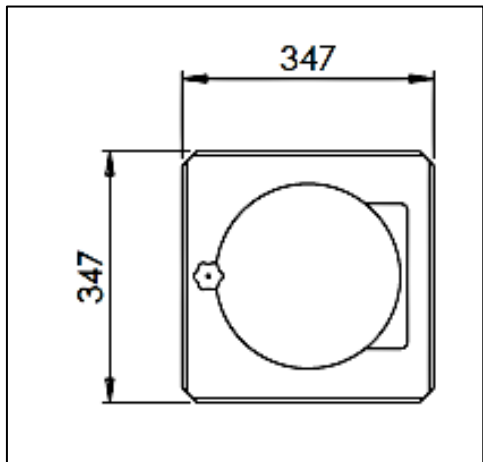


The fire-safe solution for storing and charging bicycle batteries during transport!

Suitable for storing up to 2,000Wh!

Available with 12V and 230V

BatteryBox *Transport*



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BatteryBox*Transport*



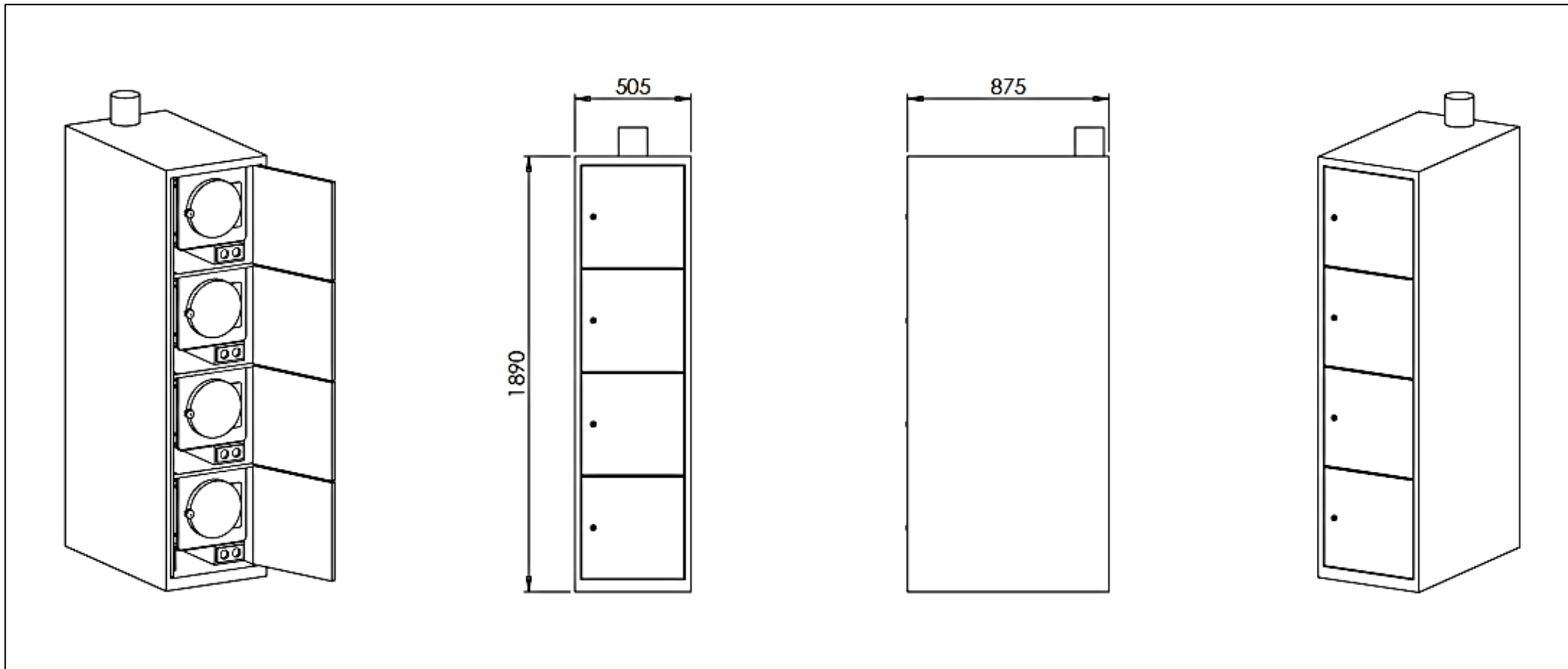
The **FireSafetyLocker** is a luxury charging cabinet based on 4 stacked BatteryBoxes, in which up to 8 bicycle batteries can be charged in a fire-safe manner. The panels of the **FireSafetyLocker** are powder-coated in RAL7016 (Antracite) as standard, but alternative RAL-colours are possible.

The **FireSafetyLocker** is supplied with keys and a master key as standard, but can optionally be equipped with PIN-code locks or a Locker Management System.

User markets:

- Schools
- Offices
- Stations
- Hotels



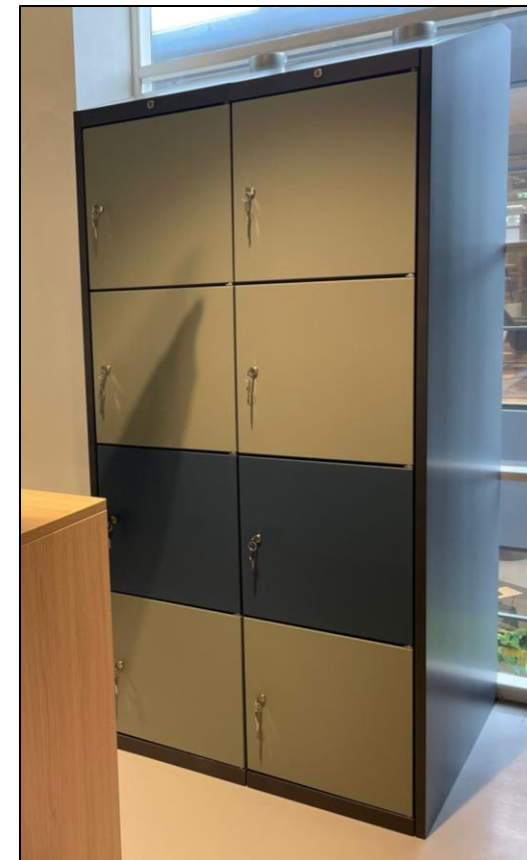
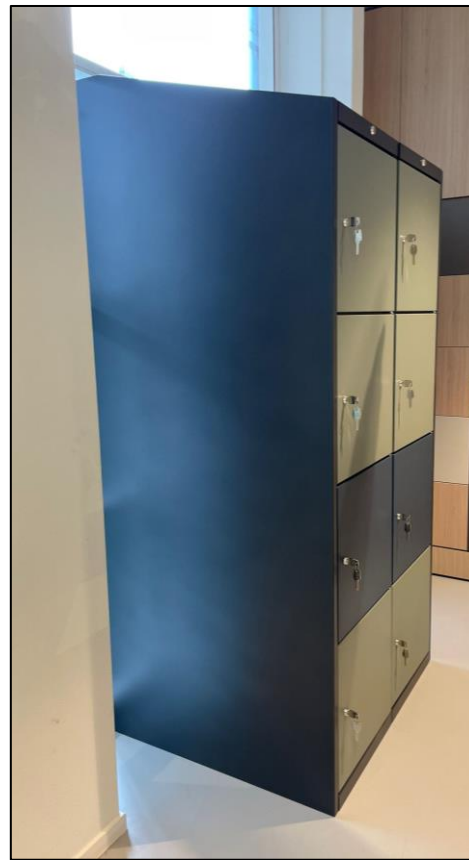


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FireSafetyLocker



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