

Battery Charging Locker
LMS4/LMS8



The principle of the Battery Charging Locker is based on a basic module with 4 individual compartments (LMS4), in which bicycle batteries, and possibly other small battery-based products, such as smart phones or tablets, can be protected and charged safely.

This basic module (LMS4) can be placed on the ground, but can also be mounted onto walls. The basic module can be extended into a configuration with 8 individual charging compartments (LMS8).

Each separate compartment is equipped with a socket (230V). The dimensions of the compartments are designed to fit to standard batteries, including chargers.



Charging Locker for bicycle batteries

The Battery Charging Locker is made of Stainless Steel 304 and high-quality digital pincode locks. The standard version the Battery Charging Locker is suitable for placement at indoor locations.

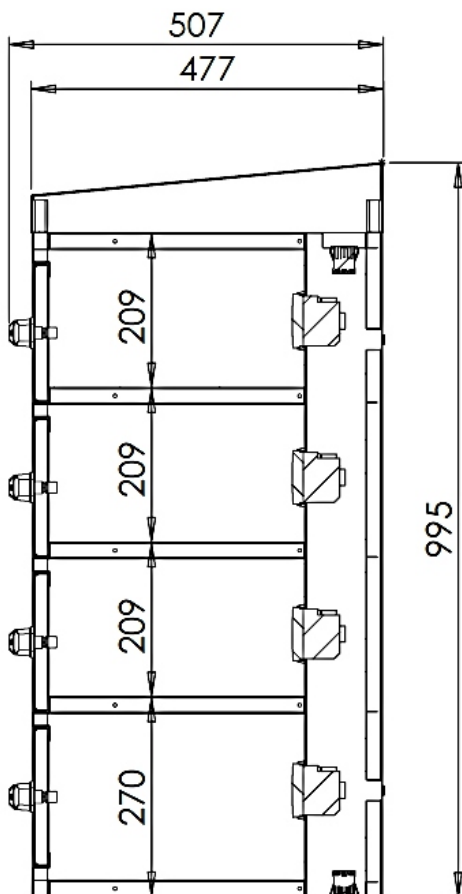
Optionally the charging locker can be delivered with water-resistant digital pincode locks, so that the lockers can also be placed at sheltered outdoor locations.

Placement (on floor or mounted to wall)
The Battery Charging Locker must be placed on a stable and preferably levelled surface. The Battery Charging Locker has adjustable feet, meaning it can be levelled/placed in a stable position. Optionally, special feet can be supplied with which the loading locker can be fixed to the ground. The basic module can also be mounted to the wall.



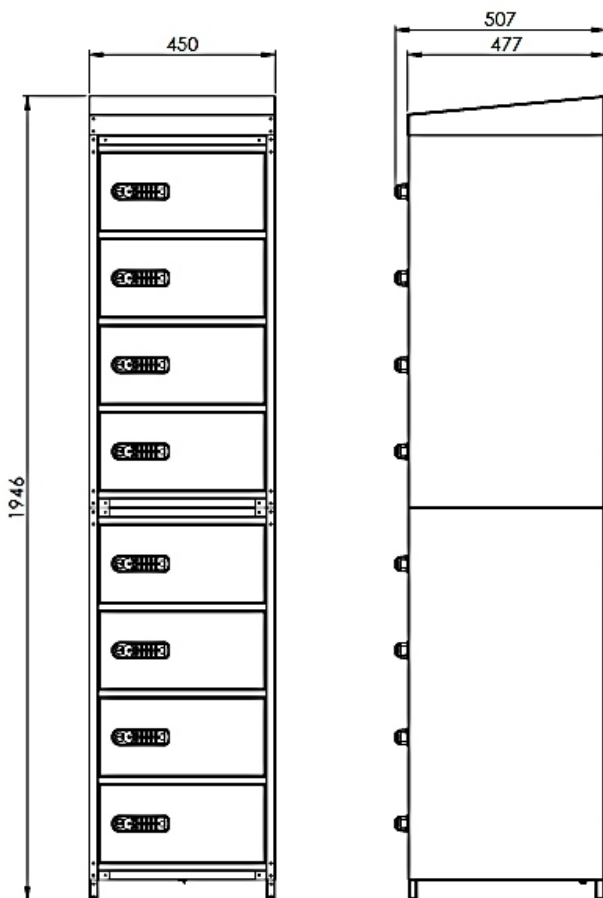
Product Specification Basic Module (LMS4)

- Dimensions (DxWxH): 507x450x995mm
- Compartment dimensions (DxWxH): 428x448x209mm
- Door opening dimensions (WxH): 152x349mm
- 4 individual lockable compartments
- Plug for 120V or 230V power supply
- 4x sockets
- Material: Stainless Steel 304 (panels: 1mm, door: 1,5mm)
- Air circulation



Product Specification Basic Module (LMS8):

- Dimensions (DxWxH): 507x450x995mm
- Compartment dimensions (DxWxH): 428x448x209mm
- Door opening dimensions (WxH): 152x349mm
- 8 individual lockable compartments
- Plug for 230V/16A-power supply
- 8x230V-sockets
- Material: Stainless Steel 304 (panel: 1mm, door: 1,5mm)
- Air circulation I 304 (panels: 1mm, door: 1,5mm)
- Air circulation



Digital pincode lock

The individual compartments have an autonomous digital pincode lock based on a battery power supply. The lock can be programmed for private or public use. Users have access without a key. Users can set a code themselves. A master code ensures that the administrator always has access. Mechanical opening by the administrator with a master key is also possible.

Digital pincode lock specifications:

- 4-digit user code
- 6-digit master code (6-digit Sub Master Code, 6-digit Technical Code)
- 80.000 openings with 1 battery
- Low battery warning (LED flashes)
- Mechanical "emergency opening" with key
- Suitable for indoor locations
- Audible "beep" at key pressure (can be switched off)
- Optional automatic opening when time is exceeded
- LED-indicator

Warranty

- 1 year factory warranty (from date of delivery).

Power

A conventional charger of a bicycle battery consumes a maximum of 250W (around 1A). If the 4 or 8 compartments are all used simultaneously at full power then this means a maximum power of 1000W (LMS4) and 2000W (LMS8) respectively. The Battery Charging Locker would therefore preferably be connected to a separate electrical ring-main circuit (230V/16A). Mostly the batteries are not charging at the same time, so 2 LMS8's can be connected to one electrical ring-main circuit (16A).

