

EZ-CHARGE™

Fireproof Battery Charging Locker

Safe & Secure

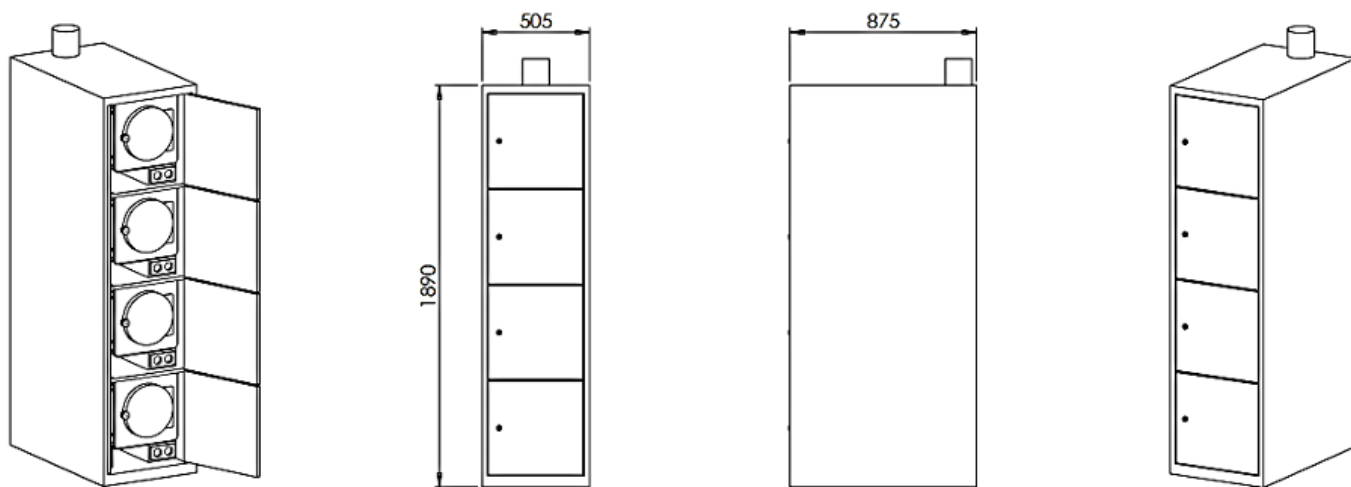
Developed with European expertise and certified by leading European safety institutes such as KIWA, MPA Dresden, and VDMA, Kinetic's EZ-Charge™ Fire Safe is the first fireproof charging locker available in North America.

This compact locker is designed for safe storage and charging, making it ideal for bike parking facilities in schools, stations, offices, hotels, and public spaces. It offers a high-quality, fire-secure charging solution for lithium-ion batteries used in e-bikes, scooters, and micro-mobility equipment.

Experience the Kinetic difference.



The EZ-Charge™ Fire Safe Battery Charging Locker has a combined 8,000Wh charging capacity and can hold up to 8 standard e-bike batteries. Each of the four stacked locker compartments houses an EZ-Charge™ Fire Safe Mobile Battery Charging Cylinder, ensuring secure storage and unlimited fireproof charging for lithium-ion batteries.



SPECIFICATIONS

- Max capacity: 2,000Wh
- External dimensions (LxWxH): 24.8"x13.78"x17.01" [630x350x432 mm]
- Internal dimensions (LxWxH): 21.65"x10"x10" [550x254x254 mm]
- Weight: 48.5 lbs. [22 kg]
- Steel housing: 14 Gauge, 0.08" [2 mm]
- Door: 11 Gauge, 0.12" [3 mm] reinforced steel with double steel ring
- Door diameter: 10" [254 mm]
- Tub rubber: Non-flammable, suitable for cable passage
- Exterior finish: Powder-coated RAL7016
- Alarm: Audio and visual door detection/control system
- Sockets: 2x 120V per door

BENEFITS

- Fireproof for an unlimited number of minutes
- Contains the explosive pressure caused by a lithium-ion battery fire
- Controls the fire and the high temperatures that can reach 1,200°C
- Meets the strictest safety requirements of insurers VDMA
- Tested extensively with critically defective batteries

Power Note: Each charger draws approximately 350W. For optimal performance and load management, connect the locker to a dedicated 230V / 16A or 120V / 20A circuit. Final circuit configuration should be confirmed by a licensed electrician or electrical engineer based on local code and installation conditions.

Fire Safety Note: While not fire-rated, the compartmentalized design helps contain overheating and reduce the risk of fire spreading.

KINETIC

Smoke Management

Charging lockers for e-bikes must follow smoke management guidelines to ensure safe use. According to VDMA regulations, charging lockers need a smoke exhaust system with an outlet leading outside the building.

Proper smoke management requires using the right materials and ensuring correct installation to safely direct smoke away.

If installing an outlet to the outside isn't possible, lockers should include a smoke detector, which can connect to an alarm system, and a smoke eater (available locally). Although this alternative does not fully comply with VDMA standards, it is still a useful and safe way to minimize the impact of any battery fire and limit smoke damage.

Following these guidelines makes it easier for architects, project managers, general contractors, and city planning engineers to implement safe and compliant bike parking solutions.



Call Kinetic for a Quote or Custom Design Layout
1-800-818-2373