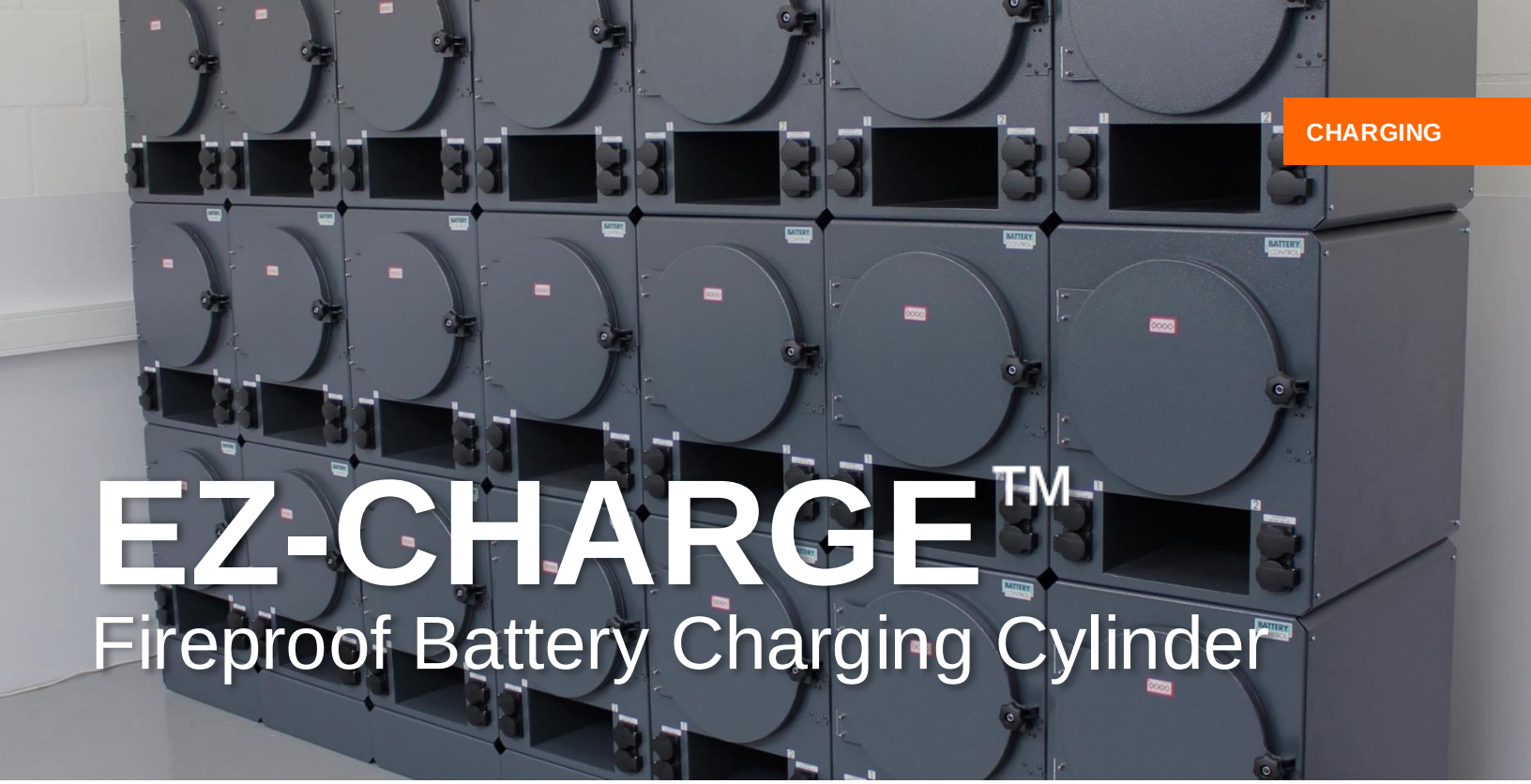

CHARGING

EZ-CHARGE™

Fireproof Battery Charging Cylinder

Safe & Reliable

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 cylinder available in North America.

Each cylinder is built for maximum safety during storage and charging, minimizing risk and limiting damage in the event of a fire.

EZ-Charge™ Fire Safe also includes safety features for easy operation. If the door isn't properly closed, visual and audible alerts notify users immediately, ensuring safe operation.

Experience the Kinetic difference.

KINETIC

Specifications

The cylindrical design with its integrated pressure relief valve ensures secure storage and unlimited fireproof charging for lithium-ion batteries used in e-bikes, scooters, and micro-mobility equipment.

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

Standard

Each cylinder has a maximum capacity of 2,000Wh and holds up to two standard e-bike batteries.

- 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

XL

Each cylinder has a maximum capacity of 2,000Wh and holds up to two standard e-bike batteries.

- External dimensions (LxWxH):
- 24.8″x17.72″x22.48″ [630x450x571 mm]
- Internal dimensions (LxWxH):
- 21.65″x12.36″x12.36″ [550x314x314 mm]
- Weight: 105.8 lbs. [48 kg]
- Steel housing: 14 Gauge, 0.08″ [2 mm]
- Door: 11 Gauge, 0.12″ [3 mm] reinforced steel with double steel ring
- Door diameter: 12.36″ [314 mm]
- Tub rubber: Non-flammable, suitable for cable passage
- Exterior finish: Powder-coated RAL7016
- Alarm: Audio and visual door detection/control system
- Sockets: 4x 120V per door

Mobile

Each cylinder has a maximum capacity of 2,000Wh and holds up to two standard e-bike batteries.

- External dimensions (LxWxH):
- 24.8″x13.62″x13.62″ [630x346x346 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: 1x 120V per door

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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