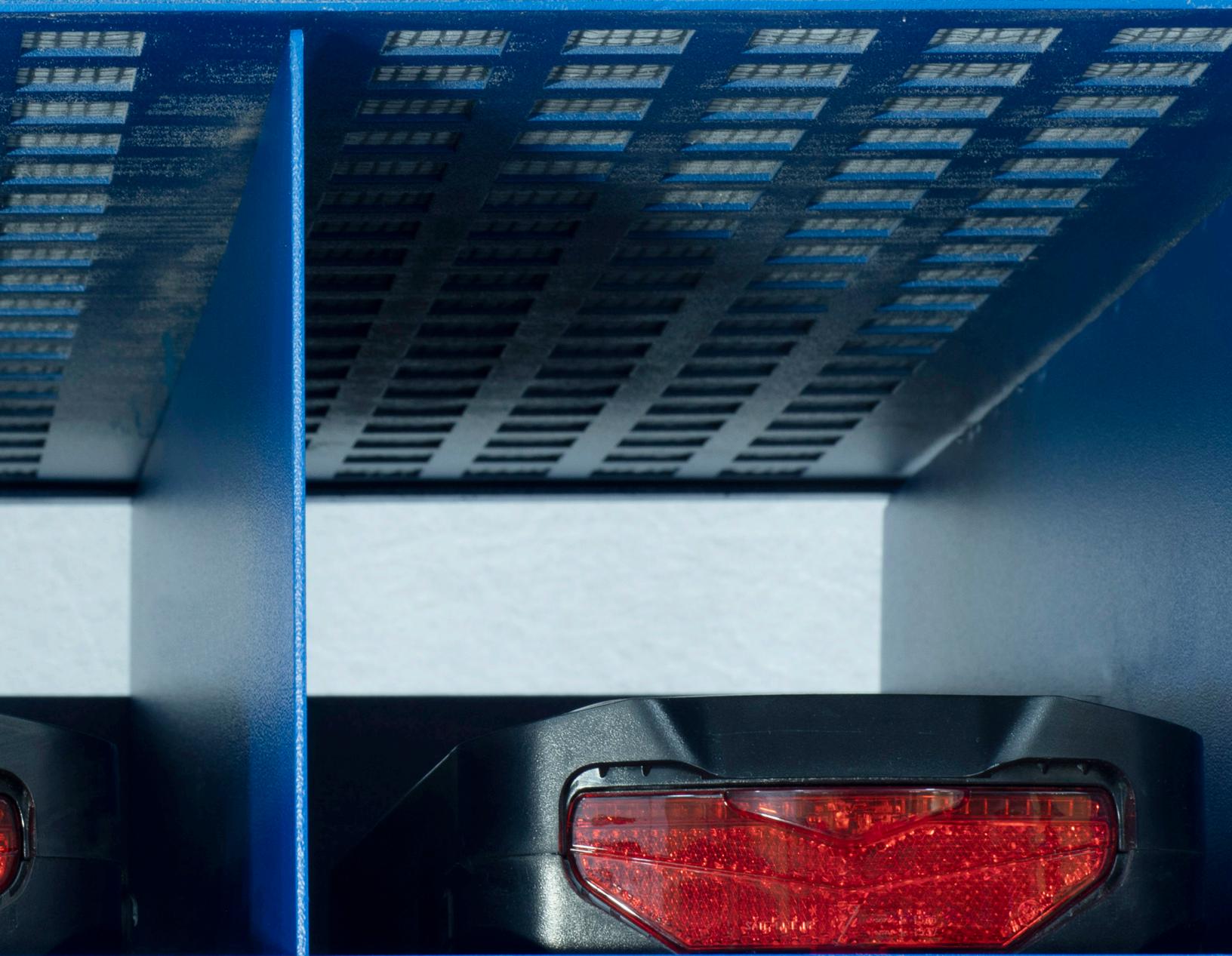


Safe Charge Battery Racks

The first charging and storage system
approved for exemptions from FDNY FC 309.3,
including spacing requirements.

Safety Solutions for the E-Mobility Industry



CellBlock®
Fire Containment Systems

E-Mobility Charging and Fire Protection

Without proper separation and engineered fire suppression, charging multiple high watt-hour batteries presents a serious latent risk. CellBlock FCS Safe Charge Racks are designed specifically for e-bike battery charging and are engineered to contain and suppress thermal runaway events at the source.

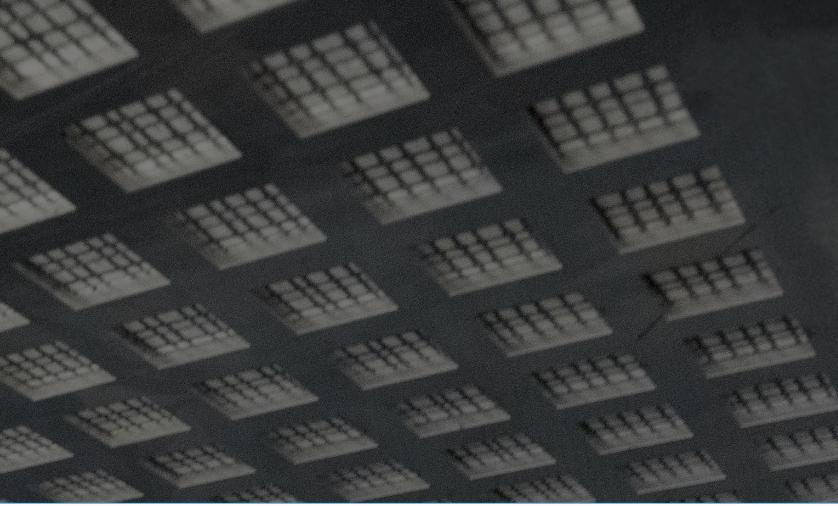
- Engineered to meet applicable fire code requirements and exceed fire marshal safety expectations.
- First charging and storage system granted exemption from FDNY FC 309.3 spacing requirements.
- Fire-resistant barriers isolate each individual charging bay.
- Integrated CellBlockEX® mineral-based fire suppressant halts thermal runaway propagation and prevents spread to adjacent batteries.
- Heavy-gauge powder-coated steel and aluminum construction.
- Rechargeable fire suppression module.
- Heavy-duty locking casters for controlled mobility.

		WIDTH	DEPTH	HEIGHT	WEIGHT
3072 SERIES	3-Tier	76.5"	32"	49"	870 lbs.
	4-Tier			63"	1160 lbs.
	5-Tier			77"	1450 lbs.

Height is inclusive of wheels. All sizes include FireShield cover.

Available in 5-bay and 8-bay configurations.





Safe Charge FireShield® Containment Cover

The Safe Charge FireShield provides an additional engineered layer of protection while maintaining convenient daytime access. Constructed from CellBlock's proprietary fire-resistant textiles, the system has been tested at temperatures exceeding 1000°C (1832°F) for 30 minutes.

- Rear access panel includes a single zipper opening for power strips and charging cords.
- Dual-zippered front panels roll upward for operational access.
- When fully secured, the FireShield contains flames and projectiles during a thermal runaway event.
- Engineered to mitigate overpressure and explosion risk.
- Included standard with every Safe Charge Rack.



110V Powerstrips provide an outlet for each charging bay and velcro fasteners keep cords organized and compliant.

Wiring is provided for installation by a licensed electrician.

3072 Series Safe Charge Rack

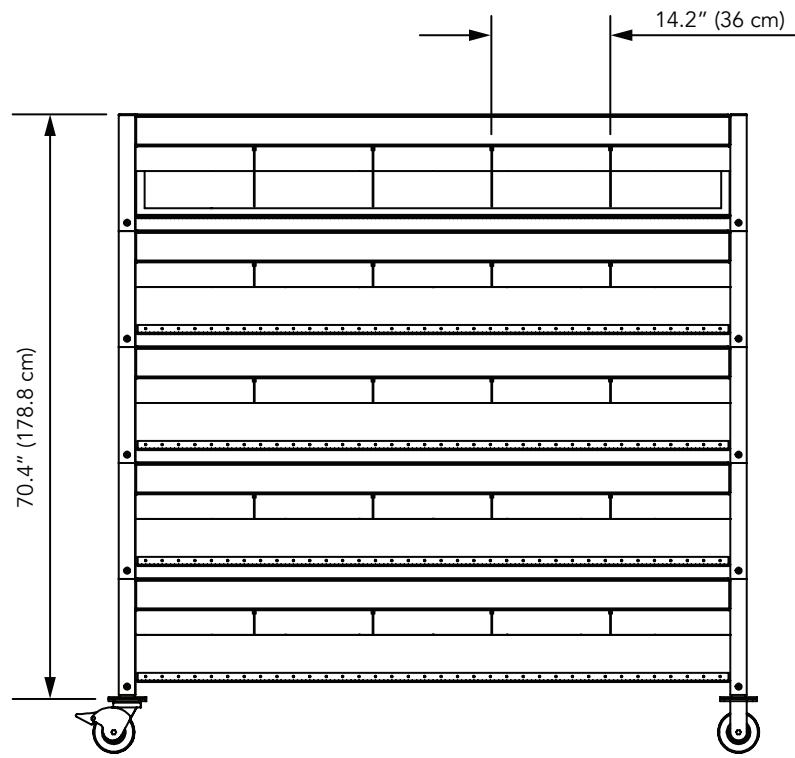
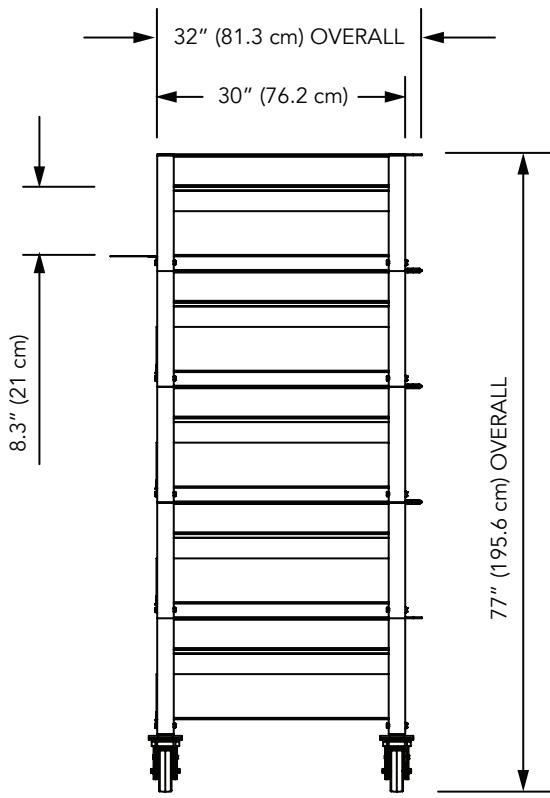
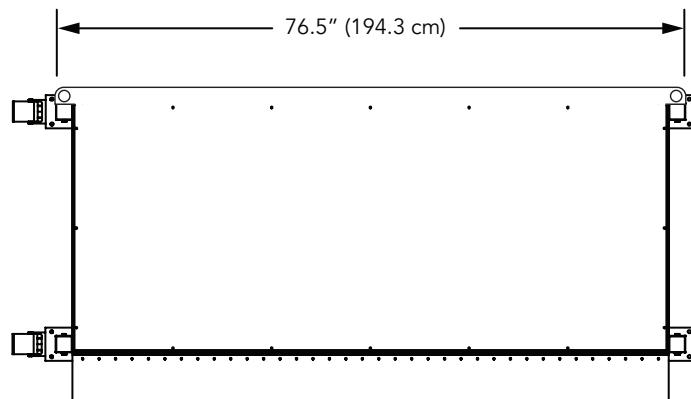
SKU: MCR3072-5 | 5 BAYS PER TIER

CellBlockEX Deployment	✓
Exterior Dimensions*	76.5" x 32" x 77" h 194.3 cm x 81.3 cm x 195.6 cm h
Individual Battery Bays	14.2" x 29.9" x 8.3" 36 cm x 75.9 cm x 21 cm h
Weight*	1450 lbs. 658 kg



ECR = Energy Containment Rating. This calculation is the result of validation testing.

*Dimensions and weight are for 5-tier system as shown here.



3072 Series Safe Charge Rack

SKU: MCR3072-8 | 8 BAYS PER TIER

CellBlockEX Deployment	✓
Exterior Dimensions*	76.5" x 32" x 77" h 194.3 cm x 81.3 cm x 195.6 cm h
Individual Battery Bays	8.9" x 29.9" x 8.3" 20.3 cm x 75.9 cm x 21 cm h
Weight*	1450 lbs. 658 kg



ECR = Energy Containment Rating. This calculation is the result of validation testing.

*Dimensions and weight are for 5-tier system as shown here.

