

TODAY'S NEWS

EV Bikes | Lithium-Ion Safety | The CellBlock Battery Rack

Custom FireShield

Our proprietary FireShield textiles are now being offered in custom configurations for optimal safety, from twenty inches up to 24 feet and more for EV coverage.

Warner Brothers

Warner Brothers has decided to protect its crew, talent and property, by outfitting all sound stages with CellBlock Cabinets, thereby assuring safe battery storage. We would like to extend our gratitude to the most protected sound stages to date.

FDIC International 2022

We are excited to hit the road for a full year of conferences and gatherings of the wisest minds in safety.

Join us in Indianapolis, from April 25-30, 2022 for the leading Firefighter and Training expo event of the year. CellBlock will be at booth 3172.



The CellBlock Battery Rack

CellBlock FCS, the leading manufacturer of lithium-ion fire safety equipment, is expanding its production of the much anticipated battery rack, with new orders offering a late Q2 delivery.

With micro-mobility reaching every urban landscape and outward, the need for safe and secure charging is increasingly necessary. NYC alone is responding to an overwhelming crisis of lithium battery incidents, and the popularity of these swift transportation devices and toys is not slowing.

The problem lies in inadequate charging of these monstrous batteries required to send us flying around town and trails. They lack complete safety measures for the many machines rented on a daily basis, and the result has been leveled brownstones and homeless friends. Cities are scrambling to develop standard response protocols, and CellBlock is pleased to contribute data, new gear, and proven systems to the fire fighting realm.

FDNY

Lithium-ion risk with New York's Bravest

The World's largest fire departments are tasked with addressing the impending avalanche of battery thermal runaway incidents, with tireless training, innovative products and effective procedures.

Micro-mobility, because it is most common in urban landscapes, whether as a rental or consumer electronic, unfortunately creates a charging nightmare for those tasked with the care of these mobile units. Even one battery is a thermal runaway risk, but up to 40 are housed on racks, making the level of risk critical.

Recently, a brownstone was leveled in NYC, nearly a weekly experience these days, because a single charging battery overheated. The chaos that ensued left nearly 30 residents homeless, and a building totaled.

We are honored to share our fire containment solutions with the bravest and most dedicated civil servants in America. Thank you to the Fire Department of New York for your time and interest in navigating the emerging battery response protocols.

We look forward to seeing more municipalities take on the immediate and future challenges of micro-mobility, which is quite apparently here to stay.

The innovative design allowing such a narrow separation while ensuring containment, as well as deployment of the all natural fire suppressant CellBlockEX make these systems the most effective system to prevent propagation to adjacent cells in the event of a thermal runaway.

With the risk of thermal runaway steadily increasing for more than 10 years the CellBlock FCS line of innovative gear is being continuously improved, bringing new thought, new systems, developing most impressive battery safety gear in generations.



With the need to charge and store up to 40 batteries, with Wh ratings over 1000, introduce more intense risks that have been catastrophic to date. Current focus on thermal runaway propagation take a look at physical battery separation of up to 24 inches as mitigating effort, but the CellBlock rack is accomplishing the separation within inches. In an urban

environment, real estate is a premium, and inches add up fast. The brilliant passive fire fighting system only adds to the superior protection offerings, and put the battery rack in a league of its own.

Recent upgrades beyond these racks, the Exhaust Monitoring Systems, power wall encasements, and the 6T series case for military battery muscle, include custom textiles, and premium materials for more forward facing and style conscious clients.

About CellBlock FCS

CellBlock FCS provides modern solutions for a lithium-powered world. Stored energy is increasingly present in our lives. CellBlock's goal is to match the speed of emerging technology with engineered products that address safety concerns at every level — from development to deployment.