



# City battery cabinet installation requirements and standards





## Overview

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Objective: The New York City Fire Department Bureau of Fire Prevention (BFP) has developed these FAQs below to clarify how Underwriter Laboratory's new standard, entitled "UL 1487: Battery Containment Enclosures," published on February 10, 2025, will impact the installation of.

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The New York City Department of Transportation ("DOT") is adopting this rule to authorize property owners and tenants to apply for and be granted revocable consents for the installation of electric micromobility device battery swapping and charging cabinets on sidewalks within the public right of.

There are battery storage and charging cabinets designed for e-micromobility batteries. Explore whether one of these options works for your building. If you do not have an appropriate outdoor location, you can still reduce risk by providing an option for storage and charging other than residents'.

The New York City Department of Transportation (NYC DOT) has finalized rules allowing property owners and tenants to apply for the installation of e-bike battery swapping and charging cabinets on public sidewalks. The initiative builds on a successful pilot program that reduced in-home battery.

losure, or rack to be listed to applicable standards, such as UL 4900. NYC Fire Department (FDNY) and Department of Buildings (DOB) e Y is aware that OSHA recognition for UL 1487 and UL 4900 is underway. With the expectation that NRTLs will receive OSHA recognition for UL 1487 and UL 4900 testing.

comprehensive effort to develop a strategic pathway to safe and effective solar



and solar+storage installations in New York. The work of the DG Hub is supported by the U.S. Department of Energy, the New NV GL, Underwriters Laboratory (UL), subject matter experts (SME) from industry, academia, and.



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### [NYC Finalizes Rules for Sidewalk E-Bike Charging Cabinets](#)

The New York City Department of Transportation (NYC DOT) has finalized rules allowing property owners and tenants to apply for the installation of e-bike battery swapping ...

### [To Reduce E-Battery Fires, NYC DOT Announces Property ...](#)

Under the rules, an e-bike battery swapping and charging cabinet may be installed outdoors and adjacent to buildings with ground floor commercial and community facility uses ...



### [NYC to let property owners install e-bike charging ...](#)

Under the new rules, battery cabinets can be installed adjacent to buildings with ground-floor commercial spaces or residential properties ...



### [NYC Finalizes Rules for Sidewalk E-Bike Charging ...](#)

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### **buildings ISSUER: 2025-009 Office of Technical Certification ...**

This Bulletin establishes filing procedures for battery containment enclosures (BCEs) when installed on a public right-of-way or within a tax lot; and clarifies design requirements ...



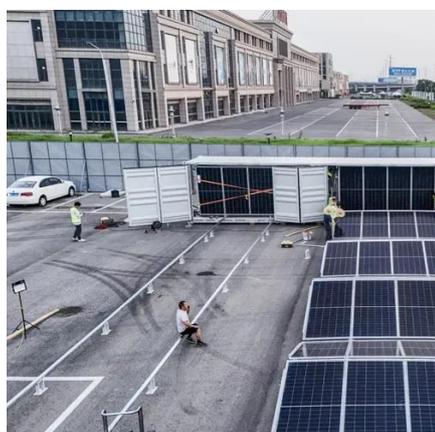
### [NYC to let property owners install e-bike charging stations](#)

Under the new rules, battery cabinets can be installed adjacent to buildings with ground-floor commercial spaces or residential properties with five or more units. The cabinets ...



### [New York Battery Energy Storage System Guidebook for ...](#)

The Battery Energy Storage System Guidebook (Guidebook) helps local government officials, and Authorities Having Jurisdiction (AHJs), understand and develop a battery energy storage ...





## Ebike\_Guidance\_v5 dd

Visit [fdnysmart](http://fdnysmart) to learn about options for charging cabinets and how they can be installed. If your building is unable to create a dedicated indoor or outdoor charging location, there are still ...



**TAX FREE**

### ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

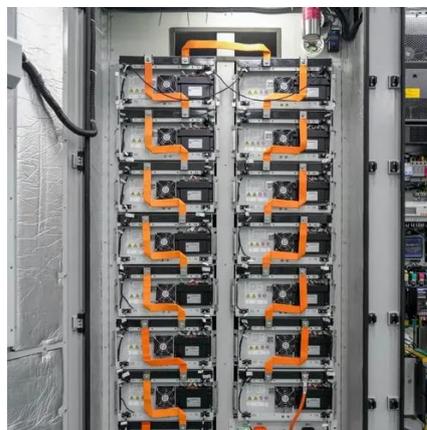
**Battery Cooling Method**  
Air Cooled/Liquid Cooled

### [Equipment Review for Battery Charging Cabinets, ...](#)

Fire Code NYC Fire Code §309.3 requires that "Battery packs and other removable storage batteries shall not be stacked or charged in an enclosed cabinet (unless the cabinet is ...

### [E-Micromobility Battery Charging Cabinet Equipment and ...](#)

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### [Energy Storage System Permitting and Interconnection ...](#)

Establishes standards, requirements and procedures for the design, installation, operation and maintenance of outdoor stationary storage battery systems that use various types of new ...



## [New York City Department of Transportation](#)

The proliferation of these low-quality batteries combined with unsafe charging practices has contributed to an increase in fires started by lithium-ion batteries, which are now a leading ...





## Contact Us

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