# National Standard Specifications for DC Battery Cabinets



## Overview

The first edition of UL 1487, the Standard for Battery Containment Enclosures, was published on February 10, 2025, by UL Standards & Engagement as a binational standard for the United States and Canada.

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## NFPA 70 and NFPA 70E Battery-Related Codes Update

e is the heart of NFPA(R) 70E for battery workers. This Article requires that a battery risk assessment must be performed prior to any work to identify the chemical, electrical shock, and arc flash hazards

## Battery Storage Cabinets: Design, Safety, and Standards for Lithium

Learn about battery storage cabinets-how they're designed, the standards they meet, and the best practices for lithium-ion battery safety. Explore features like fireproof charging systems,

## 46 CFR Part 111 Subpart 111.15 -

Each battery must be provided with the name of its manufacturer, model number, type designation, either the cold cranking amp rating or the amp-hour rating at a specific discharge and, for a lead-acid

## New UL Standard Published: UL 1487, Battery Containment Enclosures

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## U.S. Codes and Standards for Battery Energy Storage Systems

U.S. Codes and Standards for Battery Energy Storage Systems tallations of utility-scale battery energy storage systems. This overview highlights the mo t impactful documents and is not intended to be

## Custom, Temperature-Regulating Battery Enclosures

SBS designs and builds custom DC enclosures for battery systems and/or chargers. A typical cabinet integrates batteries, racking and chargers into an indoor (NEMA 1 or 12) or outdoor (NEMA 3R) rated

## NFPA 70E Battery and Battery Room Requirements

Safety requirements for batteries and battery rooms can be found within Article 320 of NFPA 70E

## BATTERY ENERGY STORAGE SYSTEMS

BESS equipment shall include battery cabinet, batteries, power converter, microgrid control cabinet, metering, current transformers, and islanding equipment. The BESS shall be designed to provide

## Battery Cabients

Keep your batteries safe and organized with the help of our indoor and outdoor enclosures. Contact Dowd Battery for more information today!

### 2024 White Paper 2401.R1

These requirements are not only applicable to the latest battery chemistries typically used in BESS (mostly Lithium-ion), but also to other battery chemistries that have been traditionally used as backup

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