

# The latest national testing standards for energy storage cabinets



## Overview

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The 2026 edition of NFPA 855, Standard for the Installation of Stationary Energy Storage Systems, contains many new changes, including broader use of Hazard Mitigation Analysis (HMA) and new provisions addressing large-scale fire testing, emergency response planning, fire . The 2026 edition of NFPA 855, Standard for the Installation of Stationary Energy Storage Systems, contains many new changes, including broader use of Hazard Mitigation Analysis (HMA) and new provisions addressing large-scale fire testing, emergency response planning, fire . The future of green energy and decarbonization relies heavily on energy storage systems (ESS). Storage technologies are advancing rapidly, and UL Solutions helps support safety throughout this evolution. By participating in standards panels and industry working groups, we help gather all relevant . Sandia National Laboratories is a multimission laboratory managed and operated by National Technology & Engineering Solutions of Sandia, LLC, a wholly owned subsidiary of Honeywell International Inc. The standard applies to all energy storage technologies and includes chapters for specific Chapter 9 and specific are largely harmonized with those in the NFPA 855 2023 edition. This will change with the 2027 IFC, which will follow the . Installation of Stationary Energy Storage Systems, 2023 edition. The test . Since its first edition in 2020, NFPA 855 has become the benchmark for safely deploying batteries in homes, businesses, and utility-scale projects. It's still a young, standalone standard, but each edition has brought meaningful refinements, and 2026 is no exception. If you don't know what NFPA 855 is, it's the ESS standard, first published in 2020 .

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### Understanding The UL 9540 Listing , Mitsubishi Electric

Discover the essentials of the UL 9540 listing and its importance for energy storage systems, safety standards and compliance to meet industry regulations.

### NFPA 855 Changes in the 2026 Edition

NFPA just released the 2026 edition of their fire code. This article explains the changes in NFPA 855: Standards for the Installation of Stationary Energy Storage Systems.



### Energy storage cabinet test standards

The Standard covers a comprehensive review of energy storage systems, covering charging, discharging, protection, control, communication between devices, fluids movement and other

### [Installation Codes and Requirements for Energy Storage Systems](#)

An FAQ overview of US installation codes and standard requirements for ESS, including the 2026 edition of NFPA 855 and updates to UL 9540A.



### NFPA 855: Improving Energy Storage System Safety

While NFPA 855 is a standard and not a code, its provisions are enforced by NFPA 1, Fire Code, in

which Chapter 52 outlines requirements, along with references to specific sections in NFPA 855.

### [Expanded Safety Guidelines for Battery Energy Storage Systems](#)

The 2026 edition of NFPA 855, Standard for the Installation of Stationary Energy Storage Systems, contains many new changes, including broader use of Hazard Mitigation Analysis (HMA)



### [Energy Storage Cabinet Standards: What You Need to Know in 2025](#)

This article cuts through the jargon to explain energy storage cabinet standards in plain English. We'll cover everything from fire safety to the latest "self-healing" battery tech, with real-world examples

### [Standard for the Installation of Stationary Energy Storage Systems](#)

Installation of Stationary Energy Storage Systems, 2023 edition. The TIA was processed by the Technical Committee on Energy Storage Systems, and was issued by the Standards Council. of



### **What's New in NFPA 855**

The much-anticipated 2026 edition of NFPA 855: Standard for the Installation of Stationary Energy Storage Systems was made available last Thursday, ahead of schedule.

### **Energy Storage Safety Codes, Standards, & Regulations (CSRs)**

Section 1207 - Electrical Energy Storage Systems (ESS) Continued language alignment with NFPA 855 - Scope section of 1207 reads, "Material based on NFPA 855 2023 Ed."



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