

The latest fire protection design standards for energy storage containers



Overview

The 2026 edition of NFPA 855: Standard for the Installation of Stationary Energy Storage Systems has now been released, continuing the rapid evolution of safety requirements for battery energy storage systems (BESS). ts and explanatory text on energy storage systems (ESS) safety. The standard applies to all energy storage tec nologies and includes chapters for speci Chapter 9 and specific are largely harmonized with those in the NFPA 855 2023 edition. In this blog post, we'll dive into what NFPA 855 is, why it's important, and the key. Before diving into the specifics of energy storage system (ESS) fire codes, it is crucial to understand why building and fire codes are so relevant to the success of our industry.

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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.

NFPA 855 Standard Development

This standard provides the minimum requirements for mitigating the hazards associated with ESS.



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.

The latest fire protection standards

for energy storage containers

Adopting the most up-to-date edition of the National Fire Protection Association standard for energy storage ensures evidence-based, expert-driven rules govern the safety of



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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



Understanding NFPA 855: Fire Protection for Energy Storage

NFPA 855, "Standard for the Installation of Energy Storage Systems", provides guidelines and requirements for the safe design, installation, operation, and maintenance of energy storage ...

National Fire Protection Association releases NFPA 855 ESS safety

NFPA 855: Standard for the Installation of Stationary Energy Storage Systems (ESS), produced in updated form on a three-year cycle, provides minimum installation requirements for ...



Fire Codes and NFPA 855 for Energy Storage Systems

Fire codes and standards inform energy storage system design and installation and serve as a backstop to protect homes, families, commercial facilities,

and personnel, including our solar ...



BATTERY ENERGY STORAGE TECHNOLOGIES AND SAFETY ...

This fact sheet provides an overview of the key innovations that make today's battery storage projects less susceptible to fire and that greatly reduce the extent of fires if they do occur. Industry ...



NFPA 855 (2026 Edition) -- What's New for Battery Energy Storage ...

The 2026 edition of NFPA 855: Standard for the Installation of Stationary Energy Storage Systems has now been released, continuing the rapid evolution of safety requirements for battery ...

National battery fire standards being pushed for consideration

This standard establishes mandatory requirements for the "design, installation, commissioning, operation, maintenance, and decommissioning of

battery energy storage facilities, ...



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