



New Standard for Energy Storage Batteries

What is a battery standard?

Covers requirements for battery systems as defined by this standard for use as energy storage for stationary applications such as for PV, wind turbine storage or for UPS, etc. applications.

What is a battery management standard?

A new standard that will apply to the design, performance, and safety of battery management systems. It includes use in several application areas, including stationary batteries installed in local energy storage, smart grids and auxiliary power systems, as well as mobile batteries used in electric vehicles (EV), rail transport and aeronautics.

Are battery energy storage systems safe?

WASHINGTON, D.C., March 28, 2025 -- Today, the American Clean Power Association (ACP) released a comprehensive framework to ensure the safety of battery energy storage systems (BESS) in every community across the United States, informed by a new assessment of previous fire incidents at BESS facilities.

Is NFPA seeking public comments on a proposed battery safety standard?

NFPA is seeking public comments on development of a proposed standard on battery safety.

What is ACP's battery storage blueprint for safety?

ACP's Battery Storage Blueprint for Safety outlines key actions and policy recommendations for state and local jurisdictions to regulate battery storage, enforce the country's most rigorous safety standards, and ensure coordination on safety and emergency response in all communities.

What does UL 9540 mean for energy storage systems & equipment?

The third edition of the UL 9540 Standard for Safety for Energy Storage Systems and Equipment, published in April 2023, introduces replacements, revisions and additions to the requirements for system deployment.

2 days ago; "The global transition towards electric mobility and renewable energy storage has intensified the need for a transparent and responsible battery supply chain," stated Christian ...

3 days ago; Monash scientists designed a fast, safe liquid battery for home solar. The system could outperform expensive lithium-ion options. Engineers have created a new water-based ...



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