

Kongres Container

Danish energy storage fire protection system manufacturer



Overview

What is Danish Center for energy storage?

Danish Center for Energy Storage, DaCES, is a partnership that covers the entire value chain from research and innovation to industry and export in the field of energy storage and conversion. The ambition of DaCES is to strengthen cooperation, sharing of knowledge and establishment of new partnerships between companies and universities.

Does Denmark have a standard for lithium-ion battery fire and explosion testing?

Denmark also lacks specific protocols for Lithium-ion battery fire and explosion testing, e.g., UL 9540A, which is a benchmark test recommended in many other countries. Danish guidelines may furthermore provide more clarification on when and which suppression systems should be installed, depending on BESS design parameters.

Why is battery storage important in Denmark?

Denmark has emerged as a significant player in battery storage technology, playing a vital role in the global transition to renewable energy. As demand for electric vehicles and clean energy solutions grows, the importance of battery storage in the Danish market continues to rise.

How can Denmark develop a new energy technology?

If Denmark shall succeed in the development and implementation of new energy technologies such as energy storage and conversion, a broad knowledge of political and legal frameworks, economic models, the role of civil society as well as new forms of organization and collaboration across sectors and disciplines is necessary.

Is Denmark a good country to work with fire services?

While Denmark emphasizes collaboration with fire services, there is a lack of

clear tactics and water management strategies, a gap covered by countries like Sweden and Australia. Some of the identified knowledge gaps include limited understanding of explosion prevention and fire suppression in large-scale BESS settings.

What is passive fire protection?

Passive fire protection is often ensured by means of separation distances and fire barriers. The separation distance is a distance between a potential hazard (e.g., BESS) and areas of interest such as buildings, roads, ventilation intakes, evacuation paths etc., or between potential hazards (between BESS cabinets or containers).

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