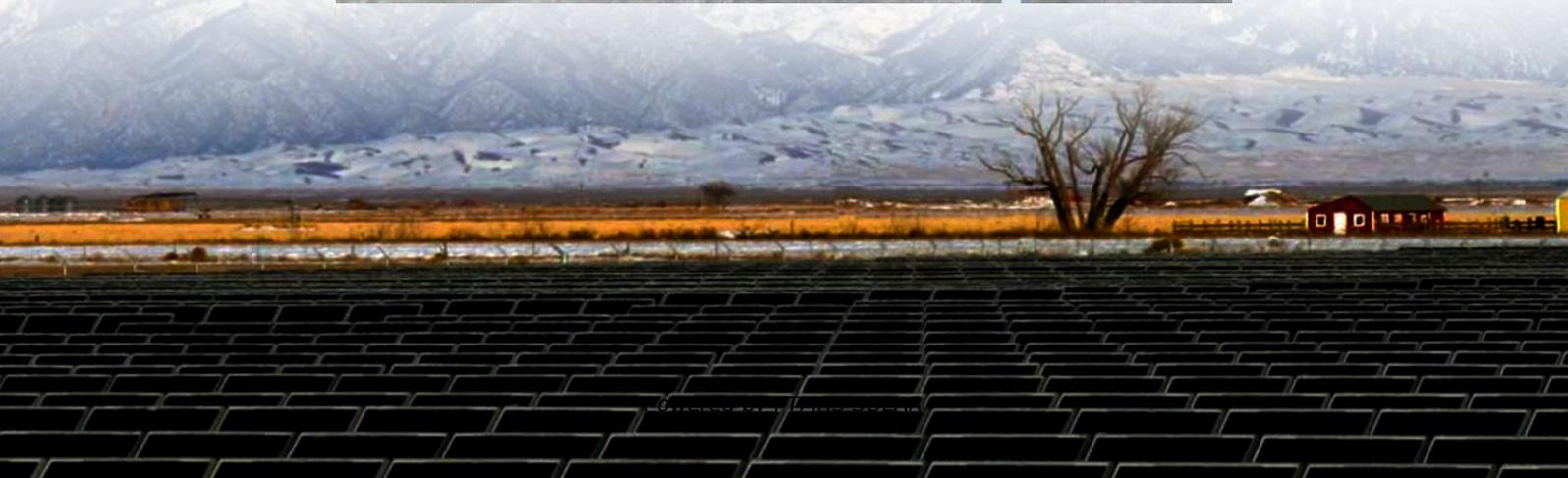


Wind-resistant mobile energy storage containers for data centers





Overview

What is a containerized battery energy storage system?

Let's dive in! What are containerized BESS?

Containerized Battery Energy Storage Systems (BESS) are essentially large batteries housed within storage containers. These systems are designed to store energy from renewable sources or the grid and release it when required. This setup offers a modular and scalable solution to energy storage.

What is a mobile energy storage system?

On the construction site, there is no grid power, and the mobile energy storage is used for power supply. During a power outage, stored electricity can be used to continue operations without interruptions. Maximum safety utilizing the safe type of LFP battery (LiFePO₄) combined with an intelligent 3-level battery management system (BMS);

Should data center owners adopt battery energy storage systems?

Data center owners aspire to maintain resiliency, mitigate energy costs, be sustainable, monetize underutilized assets, and reduce reliance on diesel generators. This creates valid use cases for the adoption of battery energy storage systems (BESS).

What is energy storage container?

SCU uses standard battery modules, PCS modules, BMS, EMS, and other systems to form standard containers to build large-scale grid-side energy storage projects.



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