

## Kongres Container

# Containerized energy storage system solution



## Overview

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A Container Battery Energy Storage System (BESS) refers to a modular, scalable energy storage solution that houses batteries, power electronics, and control systems within a standardized shipping container. What is containerized energy storage system?

s— 01 The Containerized Energy Storage System is built for easy maintenance for increased safety. What is containerized ESS?

ABB's containerized energy storage system is a complete, self-contained battery solution for large-scale marine energy storage. The batteries and all control, interface, and auxiliary.

Are energy storage containers a viable alternative to traditional energy solutions?

These energy storage containers often lower capital costs and operational expenses, making them a viable economic alternative to traditional energy solutions. The modular nature of containerized systems often results in lower installation and maintenance costs compared to traditional setups.

What is a containerized energy storage system (CESS)?

A Containerized Energy Storage System (CESS) operates on a mechanism that involves the collection, storage, and distribution of electric power. The primary purpose of this system is to store electricity, often produced from renewable resources like solar or wind power, and release it when necessary.

Why should you choose a containerized energy system?

The modular nature of containerized systems often results in lower installation and maintenance costs compared to traditional setups. And when you can store up energy when it's inexpensive and then release it when energy prices are high, you can easily reduce energy costs.

Can I add more container units to my energy storage system?

Each container unit is a self-contained energy storage system, but they can be combined to increase capacity. This means that as your energy demands grow, you can incrementally expand your CESS by adding more container units, offering a scalable solution that grows with your needs.

Does ABB offer a containerized energy storage system?

ABB's Containerized Energy Storage System is suitable for a wide variety of ships [shipsabb.com/marine](http://shipsabb.com/marine)—We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept

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