



IMK CONTAINERS

Tokyo Mobile Energy Storage Container Low-Pressure Type





Overview

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.

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);.

What is Japan's energy storage policy?

As policy, technology, and decarbonization goals converge, Japan is positioning energy storage as a critical link between its climate targets and energy reliability. Japan's energy storage policy is anchored by the Ministry of Economy, Trade and Industry (METI), which outlined its ambitions in the 6th Strategic Energy Plan, adopted in 2021.

What is Japan's first energy storage project?

In 2015, we started Japan's first demonstration project covering energy storage connected to the power grid in the Koshikishima, Satsumasendai City, Kagoshima. This project is still operating in a stable manner today. One feature of our grid energy storage system is that it utilizes reused batteries from EVs.



Tokyo Mobile Energy Storage Container Low-Pressure Type



5MWh BESS Container

Features 314Ah LFP battery cells, 20ft standard container design, high energy density, and multi-level safety. High corrosion-resistant and compliant with global ...

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Pacifico Energy commissions first unsubsidized grid-scale ...

Pacifico Energy commissioned its first unsubsidized grid-scale battery storage project in Japan, a 2MW/10MWh facility in Koganei City, Tokyo, on December 9, 2025.

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LS Electric to deploy 90MWh BESS in Japan after winning Tokyo

Close-up of BESS containers at an LS Electric project. Image: LS Electric. LS Electric will deploy a 20MW/90MWh battery energy storage system (BESS) in Japan after it ...

[Helios 50MW BESS achieves commercial operation in Japan](#)

Manoa has started commercial operation of the Helios 104 megawatt-hour/50MW battery energy storage system (BESS) in Sapporo City, Hokkaido, Japan. The BESS was ...

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[Energy storage containers: an innovative tool in the green ...](#)

This article introduces the structural design and system composition of energy storage containers, focusing on its application advantages in the energy field. As a flexible and ...

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