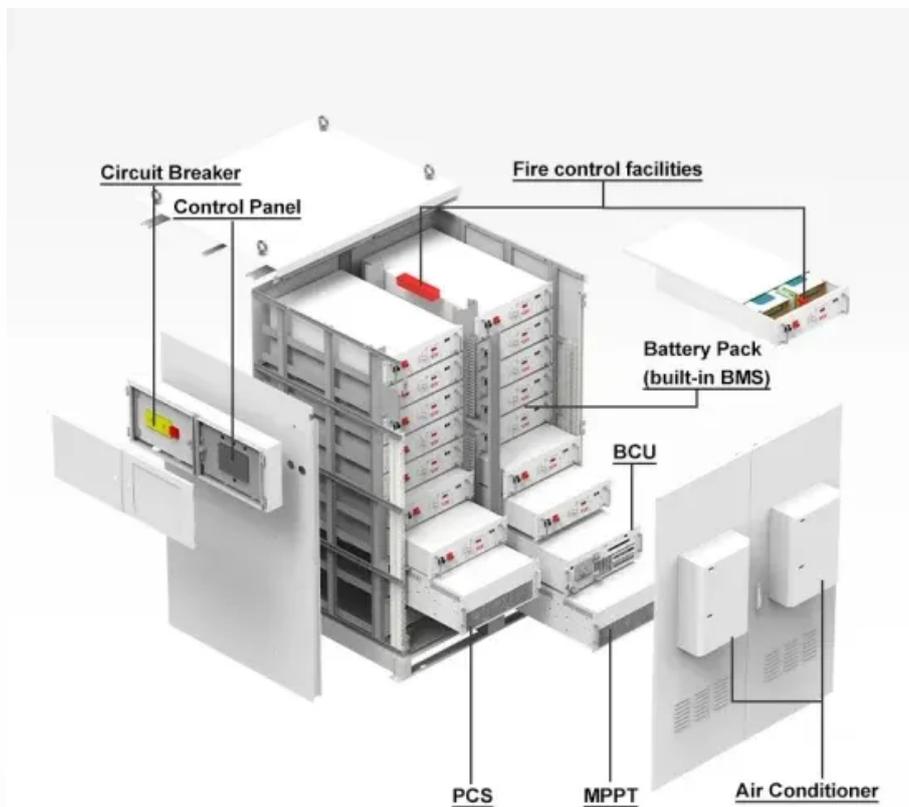


## Kongres Container

# Mobile energy storage equipment on construction sites



## Overview

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Tracked mobile energy storage devices are industrial-grade power units equipped with tank- or excavator-style tracks for enhanced mobility in challenging terrains. Can mobile energy storage systems and repair crews reduce power outages?

The results indicate that the co-dispatch of mobile energy storage systems and repair crews can reduce the outage scale and duration in the power distribution system. With power supply from mobile energy storage systems, the restoration strategies of repair crews can be more flexible to ensure that the lost loads are restored in a short time.

What is a mobile energy storage system?

Mobile energy storage systems (MESSs) can be self-mobile electric vehicles (vans, buses, or light-duty vehicles) or towable (semi-trailer trucks). During restoration purposes, MESS should be dispatched to the desired location (non-black start generator units locations).

Why do construction sites need battery energy storage systems?

Electrically powered equipment, when supplied by a battery system, operates silently, fostering a more harmonious relationship with the surrounding environment and communities. The adoption of Battery Energy Storage Systems represents a significant leap forward in construction site operations.

Why should construction sites use energy storage?

By harnessing the power of energy storage, construction sites can power progress while reducing costs, improving efficiency, and leaving a greener footprint on the planet. At Choon Huat, we strive to provide high quality machineries and great service.

Do construction sites need a power supply?

Construction sites often face challenges in accessing a reliable power supply,

especially during initial stages or when operating in remote locations. The Infinity Cube acts as an independent power source, offering uninterrupted power supply for critical operations.

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