



LOTWA SYSTEM

Corrosion-resistant mobile energy storage containers for the catering industry





Overview

What is energy storage container?

Energy Storage Container is an energy storage battery system, which includes a monitoring system, battery management unit, particular fire protection system, special air conditioner, energy storage converter, and isolation transformer developed for the needs of the mobile energy storage market.

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);.

How can a mobile energy storage system help a construction site?

Integrate solar, storage, and charging stations to provide more green and low-carbon energy. 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.

Which stainless steel can be used as a sp21e container?

Stainless steel 304 and stainless steel 316 are resistant to all the tested PCM. Aluminium should be avoided as an SP21E container. Copper is corroded by both fatty acid eutectics. 1. Introduction Energy policies are nowadays focused on using solar energy and reusing the waste heat of the industry to use them as a primary energy source.



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