

Long-life Bamaco mobile energy storage container for field operations





Overview

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.

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 happens if the battery life exceeds the operation life?

When the battery life exceeds the operation life of the energy storage system, the investment residual value will be generated. Like eq. (10), the battery cost annuity after the operation life of the energy storage system is converted to the beginning of the investment cycle as the residual value of the energy storage system.



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