



BUHLE POWER

# Sucre Mobile Energy Storage Container with Grid Connection





## Overview

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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);.

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 the energy storage capacity of a user-side energy storage project?

The total installed capacity of this user-side energy storage project is 4.6MW/9.89MWh, with 2 grid connection points established. It is equipped with a total of 46 sets of BRES 100kW/215kWh energy storage systems, enabling the full absorption of stored energy during peak periods and reducing enterprise electricity expenses through peak shaving.



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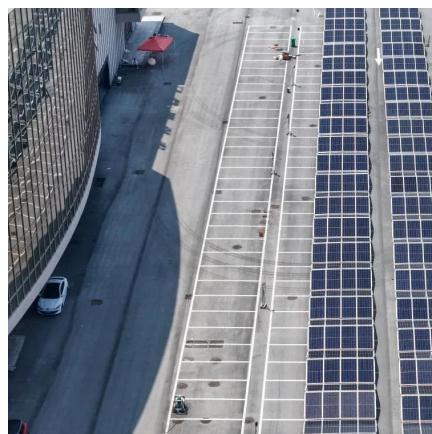
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## Energy Storage Container for Modular Solutions, Enerbond

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## SUCRE LITHIUM BATTERY ENERGY STORAGE PROJECT

Somaliland Energy Storage System Lithium Battery Project The project comprises of the following four components: (i) Sub-transmission and distribution network reconstruction, reinforcement, ...



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