

# **Financing for a 60kWh Mobile Energy Storage Container for Urban Lighting**





## 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.

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 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 (LiFePO<sub>4</sub>) combined with an intelligent 3-level battery management system (BMS);.

Which energy storage solution is suitable for a compact low-rise area?

In contrast, the potential energy storage solution for a compact low-rise area with dominantly residential buildings comprised a proportionate combination of Li-ion battery and SOFC-RFC ESS due to its higher requirement of short-term energy storage (as residential buildings have low self-consumption during the day but need energy during the night).



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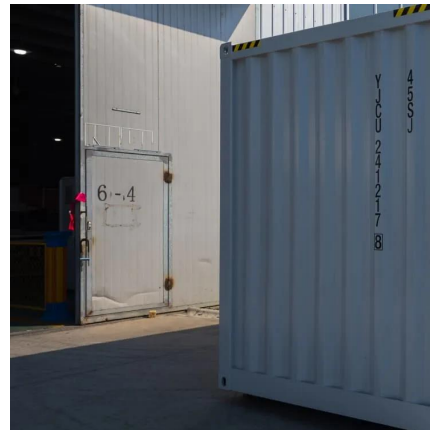


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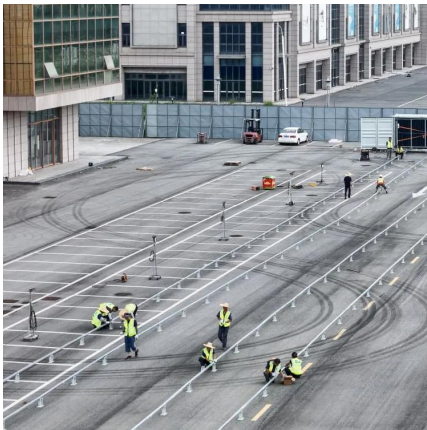
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