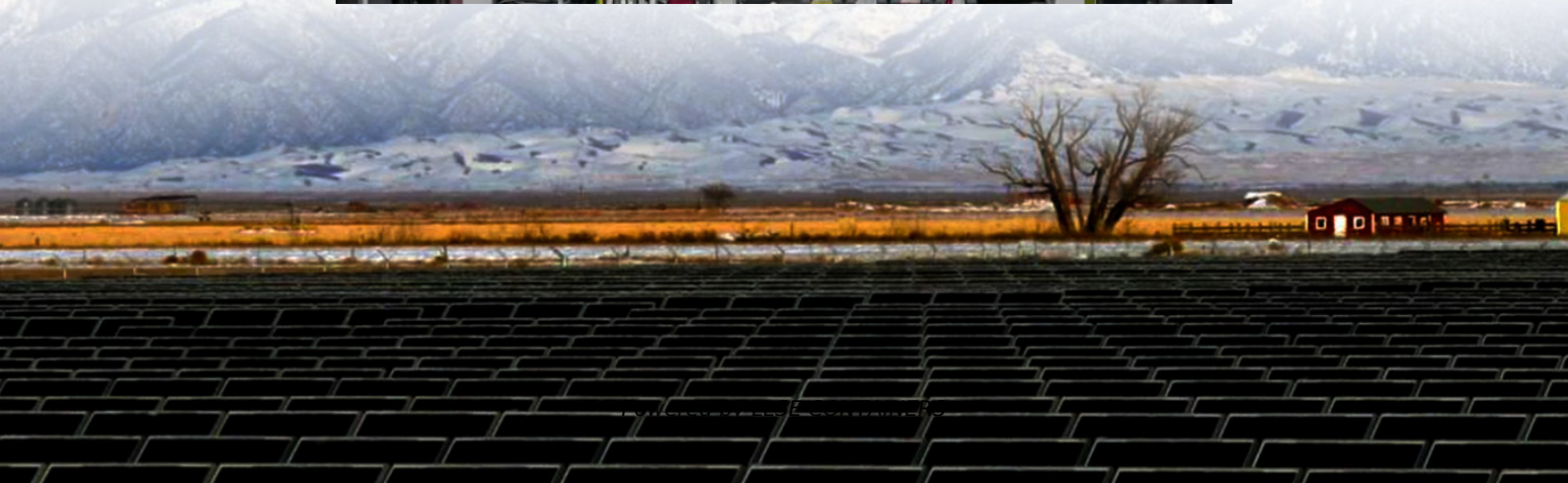
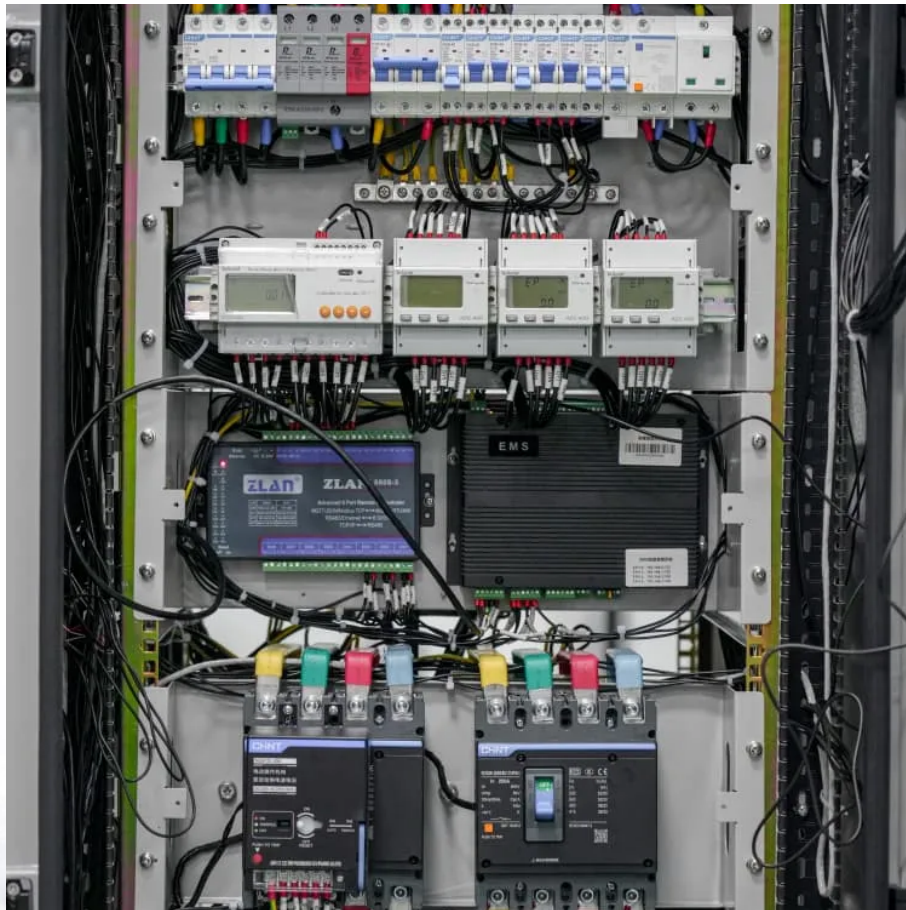


# Application scenarios of portable energy storage products





## Overview

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How do mobile energy-storage systems improve power grid security?

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Can portable energy storage systems complement transmission expansion?

Portable energy storage systems can complement transmission expansion by enabling fast, flexible, and cost-efficient responses to renewable integration that is crucial for a timely and cost-effective energy transition.

Why should you use a mobile energy storage system?

This avoids creating stranded assets and saves money compared to multiple stationary energy storage systems . MESSs can also provide energy during emergency conditions and their mobility allows for fast deployment at the location where they are most necessary.

Can Utility-scale portable energy storage be used in California?

We introduce the potential applications of utility-scale portable energy storage and investigate its economics in California using a spatiotemporal decision model that determines the optimal operation and transportation schedules of portable storage.



## Application scenarios of portable energy storage products

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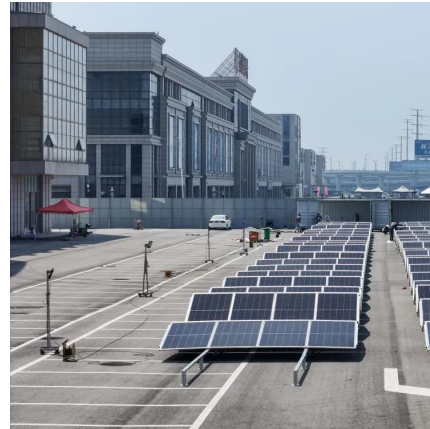


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