

SolarTech Power Solutions

Prefabricated container energy storage station



Overview

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 containerized mobile substation?

Containerized mobile substations are sheltered and address applications in challenging environmental conditions including areas of high pollution, and humidity. Customers requiring shorter overall delivery times and minimal on-site work have been the main drivers for Hitachi Energy's development of pre-fabricated indoor substations.

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);.

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 energy storage container solutions does SCU offer?

SCU provides 500kwh to 2mwh energy storage container solutions. Power up your business with reliable energy solutions. Say goodbye to high energy costs and hello to smarter solutions with us.

How does a pre-fabricated building benefit a substation?

The pre-fabricated building shelters the equipment from environmental influences, thus increasing substation availability and reliability. Fences can be omitted, which simplifies permitting, while enhancing the substation's aesthetic appearance.

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