



**SolarTech Power Solutions**

# **Enterprise self-built peak and valley energy storage solutions**



## Overview

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Where is peak energy based?

We are based in California & Colorado. Peak Energy designs and deploys next-gen sodium-ion energy storage that is safer, lower-cost, and more reliable. Our systems remove legacy failure points and enable rapid grid growth to meet the demands of AI, electrification, and renewable power.

What are the applications of energy storage system?

The main functional applications are peak shaving, emergency power backup, PV + energy storage + charging integration, and smart microgrids. After the installation of the energy storage system, users can charge the energy storage system when the electricity price is the lowest.

What are energy storage systems?

Energy storage systems are an important application of distributed energy technologies in the residential environment. With this system, residential users can flexibly manage their electricity consumption to adapt to different peak and trough periods, effectively reducing their residential electricity bills.

What is battery energy storage system development?

Our Battery Energy Storage System Development solution eliminates cost and operational barriers to clean energy adoption. By delivering end-to-end energy storage systems at no upfront cost, we empower businesses to achieve energy savings, unlock new revenue streams, and pursue sustainability goals.

What is a distributed energy storage system?

Commercial and industrial energy storage is the typical application of the distributed energy storage system on the user side. The enterprise park can realize peak and valley arbitrage, reduce the cost of electricity and improve the quality of electricity through distribution storage.

## What makes peak a good storage system?

Peak's system removes active cooling, reduces cabling, and simplifies installation. It is open-air, modular, and passive by design. Simplifying the system simplifies the economics. Most storage failures come from thermal, electrical, or other auxiliary subsystems — not the cells.

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### Contact Us

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