

## ContainerPower Energy Solutions

# China Southern Power Grid Large Energy Storage

### APPLICATION SCENARIOS

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## Overview

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China's first large-scale lithium-sodium hybrid energy storage station was put into operation on Sunday in southwest China's Yunnan Province. The Baochi Energy Storage Station of China Southern Power Grid, located in Wenshan Zhuang and Miao Autonomous Prefecture, has an installed capacity of 400 MW.

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On May 25, China's first large-scale lithium-sodium hybrid energy storage station — the Baochi energy storage station developed by CSG — was officially put into operation in Wenshan Zhuang and Miao autonomous prefecture, Yunnan province. Based on two charge-discharge cycles per day, the station can store 400 MWh of energy.

On a mountain pass in Jiawa village, Qusum county, Shannan, southwest China's Xizang autonomous region, rows of energy storage units hum quietly beside a solar-storage power station. "These facilities are designed to work with photovoltaic power generation. The electricity produced during the day is stored in the battery and used at night."

Home » Storage » China switches on first large-scale lithium-sodium hybrid storage project Chinese state-owned grid operator China Southern Power Grid has switched on the country's first large-scale lithium-sodium hybrid energy storage station, a 200MW/400MWh behemoth combining both lithium-ion and sodium-ion technologies.

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China Southern Power Grid has made significant advancements in energy storage technology, advancing 1. Integrated energy storage systems, 2. Diverse applications across renewable sources, 3. Collaboration with global partners.

tech leaders, 4. Supportive government policies and investments. Energy storage.

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