

**SolarInnovate Energy Solutions**

# **China Southern Power Grid Photovoltaic Energy Storage**



## Overview

---

What is China Southern power grid energy storage?

China Southern Power Grid Energy Storage, the energy storage division of China Southern Power Grid, has commissioned a 10 MWh sodium-ion battery storage station in Nanning, southwestern China. The company said the facility is the first large-scale project of its kind in China, and the first phase of a 100 MWh global project.

Where is China Southern power grid deploying a 10 MWh sodium-ion battery?

China Southern Power Grid has deployed a 10 MWh sodium-ion battery in China's Guangxi Zhuang region. It is the first phase of a 100 MWh project. China Southern Power Grid Energy Storage, the energy storage division of China Southern Power Grid, has commissioned a 10 MWh sodium-ion battery storage station in Nanning, southwestern China.

How many wind and solar power stations does ESS support?

The facility supports more than 30 local wind and solar power stations, alleviating the impact of intermittent supply and facilitating the integration of high shares of renewables into the grid. To continue reading, please visit our ESS News website. This content is protected by copyright and may not be reused.

What is a 10 MWh sodium ion battery energy storage station?

The 10 MWh sodium ion battery energy storage station features 210 Ah sodium ion battery cells that can be charged to 90% in 12 minutes, according to the company. The system consists of 22,000 cells.

How much energy does baochi power?

With a total investment of over CNY 460 million (\$63.8 million) and occupying 34,000 m<sup>2</sup>, the Baochi plant is designed for an installed capacity of 200MW/400MWh. Based on a dual daily charge-discharge cycle, it can

regulate up to 580 GWh annually — enough to power 270,000 households, with 98% of its energy sourced from renewables.

## China Southern Power Grid Photovoltaic Energy Storage

---



### Energy storage in China: Development progress and ...

Nov 15, 2023 · Even though several reviews of energy storage technologies have been published, there are still some gaps that need to be filled, including: a) the development of energy storage ...

### First large-scale hybrid lithium-sodium battery energy storage

...

Jun 4, 2025 · China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy Storage Station in Wenshan, Yunnan province -- a national pilot project and ...



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://institut3i.fr>