

PDEOZE PowerContainer

China Southern Power Grid 100MW Energy Storage



Overview

How big is China's solar power capacity?

23 June 2025 China's solar power capacity has surpassed 1 TW, marking a historic milestone as the country accelerates its energy transition. Around 92 GW of new PV. The first phase of Datang Group's 100 MW/200 MWh sodium-ion energy storage project in Qianjiang, Hubei Province, was connected to the grid.

How efficient is China's battery energy storage system?

In an interview with China Central Television, Gao Like, a manager at the Guangxi branch of China Southern Power Grid, said that the energy conversion efficiency of its sodium-ion battery energy storage system exceeds 92%. It's comparable to the efficiency of common lithium-ion battery storage systems, at 85-95%.

Where is China's first sodium-ion battery energy storage station?

China's first major sodium-ion battery energy storage station is now online, according to state-owned utility China Southern Power Grid Energy Storage. The Fulin Sodium-ion Battery Energy Storage Station entered operation on May 11 in Nanning, the capital of the Guangxi Zhuang autonomous region in southern China.

Where is Datang Group's 100 mw/200 MWh sodium-ion energy storage project located?

The first phase of Datang Group's 100 MW/200 MWh sodium-ion energy storage project in Qianjiang, Hubei Province, was connected to the grid. From pv magazine ESS News site.

What is Datang Hubei sodium ion new energy storage power station?

The project represents the first phase of the Datang Hubei Sodium Ion New Energy Storage Power Station, which consists of 42 battery energy storage

containers and 21 sets of boost converters. It uses 185 ampere-hour large-capacity sodium-ion batteries supplied by China's HiNa Battery Technology and is equipped with a 110 kV transformer station.

Can sodium-ion battery energy storage be reduced by 20-30%?

Chen Man, a senior engineer at China Southern Power Grid, said [via the South China Morning Post] that once sodium-ion battery energy storage enters the stage of large-scale development, its cost can be reduced by 20-30%. He continued:

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