

Lead Energy Storage Power Station





Overview

Can lead-carbon batteries be used for energy storage?

View CBI's interactive map of energy storage projects A grid-side power station in Huzhou has become China's first power station utilizing lead-carbon batteries for energy storage.

What is China's first power station utilizing lead-carbon batteries for energy storage?

A grid-side power station in Huzhou has become China's first power station utilizing lead-carbon batteries for energy storage. Starting operation in October 2020, the 12MW power station provides system stability for the Huzhou Changxing Power Grid to enhance the capacity of frequency and voltage regulation.

What are battery storage power stations?

Battery storage power stations are usually composed of batteries, power conversion systems (inverters), control systems and monitoring equipment. There are a variety of battery types used, including lithium-ion, lead-acid, flow cell batteries, and others, depending on factors such as energy density, cycle life, and cost.

What is a lead-carbon battery?

Lead-carbon batteries provide frequency and voltage regulation services for the Huzhou Changxing Power Grid. Battery energy storage used for grid-side power stations provides support for the stable operation of regional power grids.



Lead Energy Storage Power Station



[Battery Energy Storage for Grid-Side Power Station](#)

Huzhou, Zhejiang Province, China
Technical Specification About The Company - Nr Electric
About The Company - Tianneng
A grid-side power station in Huzhou has become China's first power station utilizing lead-carbon batteries for energy storage. Starting operation in October 2020, the 12MW power station provides system stability for the Huzhou Changxing Power Grid to enhance the capacity of frequency and voltage regulation. See more on battery innovation
Battery configuration: 20,160 batteries in 21 stacks
Plant power: 12 MW
Battery technology: Lead-carbon
Storage capacity: 48 MWh
ScienceDirect

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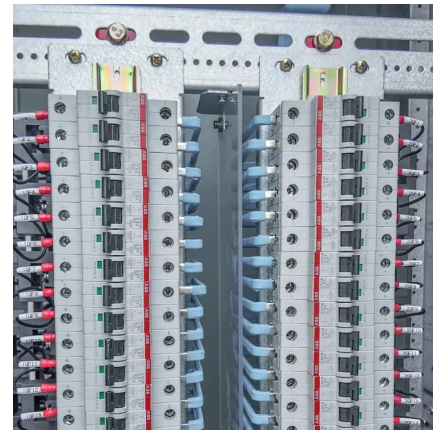


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