

# Lithium-ion battery storage plant sineng electric

What is Sineng electric's 50 mw/100 MWh sodium-ion battery energy storage system?

Sineng Electric's 50 MW/100 MWh sodium-ion battery energy storage system (BESS) project in China's Hubei province is the first phase of a larger plan that will eventually reach 100 MW/200 MWh. The initial capacity has already been connected to the grid and can power around 12,000 households for an entire day.

How much power does Sineng electric have?

The initial capacity has already been connected to the grid and can power around 12,000 households for an entire day. Sineng Electric has revealed that it has provided its string PCS MV stations for what it said is the world's largest sodium-ion BESS, and China's first 100 MWh-scale energy storage power station using sodium-ion batteries.

What makes Sineng a good battery balancing solution?

Featuring cluster-level energy management, Sineng's solution amplifies the cluster-level balancing capability of sodium-ion batteries. Additionally, the string PCS units are engineered with IP66 protection rating to ensure durability in extreme temperatures and high humidity.

Are sodium-ion batteries a new possibility for future power grid development?

Chinese media reported that the project in Qianjiang, Hubei province, shows that sodium-ion batteries have become a new possibility for future power grid development. Sineng Electric said that sodium-ion batteries show superior performance at low temperatures, better round-trip efficiency, and better overall safety.

What is China's Lithium Project?

The project is being developed and managed by Datang Hubei Energy and marks China's efforts to diversify away from lithium to more abundant sources. Datang Hubei Energy said it had started operating the project on July 2. It was connected to the grid on June 30.



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