

SolarTech Power Solutions

Sodium-sulfur battery energy storage container supplier



Overview

BASF Stationary Energy Storage GmbH and NGK Insulators (NGK) have recently introduced an advanced container-type NAS (sodium-sulfur battery) battery energy storage system 'NAS MODEL L24 '.What is a sodium sulphur battery?

A sodium sulphur battery is a high-temperature battery. It operates at 300°C and uses a solid electrolyte. One electrode is molten sodium and the other is molten sulphur, and it is the reaction between these two that is the basis for the cell reaction. NAS batteries are long-life, high-energy stationary storage batteries.

What is a standard NaS battery container?

A standard single NAS battery container has 1.45 MWh energy capacity. The containers are stackable, enabling utility scale energy storage systems. We supply containerized NAS battery systems: one standard 20-ft container has 1.45 MWh energy capacity. The compact form enables easy transportation and quick installation at our customers' sites.

What is BASF NaS battery?

Ludwigshafen, Germany, and Nagoya, Japan, June 10th, 2024 – BASF Stationary Energy Storage GmbH, a wholly owned subsidiary of BASF, and NGK INSULATORS, LTD. (NGK), a Japanese ceramics manufacturer, have released an advanced container-type NAS battery (sodium-sulfur battery). Join us - We are looking forward to meeting you!.

What is a NaS battery?

Our customers can profit from this and our full service offers to tackle the further build-up of renewable energies and many other applications. The NAS battery is a megawatt-level energy storage system that utilises sodium and sulphur and features NGK's proprietary advanced ceramic technologies.

Are NaS batteries a good investment?

All raw materials used in NAS batteries are abundantly found on earth. There are no issues with the supply chain or price volatility. NAS batteries require only minimal preventive maintenance. A standard single NAS battery container has 1.45 MWh energy capacity. The containers are stackable, enabling utility scale energy storage systems.

How NaS batteries contribute to the energy transition?

With NAS batteries, we contribute to the energy transition by meeting our customers' need for stable, safe, and efficient power through storage. We are the exclusive distributor of NAS batteries, which are manufactured by our partner, NGK Insulators Ltd., Japan. Our team supports you in customizing energy storage solutions for individual use cases.

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Contact Us

For catalog requests, pricing, or partnerships, please visit:
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