

Does BASF have a NaS battery?

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) \*1.

Which NaS batteries are made by BASF & NGK?

BASF Stationary Energy Storage GmbH, a wholly owned subsidiary of BASF SE (Ludwigshafen, Germany), and NGK Insulators Ltd. (NGK), a Japanese ceramics manufacturer, have released an advanced container-type NAS battery (sodium-sulfur battery). BASF and NGK release advanced type of sodium-sulfur batteries (Source: NGK Insulators)

Who makes NaS batteries?

The NAS battery system was ordered through BASF Stationary Energy Storage GmbH, a subsidiary of German chemical manufacturer BASF SE and headquartered in Ludwigshafen, Germany. A stationary energy storage system was erected on the site of BASF Schwarzheide GmbH.

What is BASF NAS model L24?

BASF will begin deliveries of NAS model L24 in the second half of 2024. The new product has been jointly developed by NGK Insulators, a Japanese ceramic manufacturer, and BASF Stationary Energy Storage. The new model has a low degradation rate of less than 1% per year due to a reduced corrosion in battery cells.

What are NaS batteries used for?

NAS batteries are used for various use cases, including stabilizing of renewable energy and optimizing its utilization, through peak shaving and load balancing as well as emergency power supply. NAS Batteries are one of key contributors to a successful energy transition and carbon neutrality.

Are NaS batteries suitable for climate conditions?

NAS batteries are suitable for a wide range of climate conditions, as this project in Dubai, UAE, shows. Image: NGK Insulators Ltd. Designed to discharge energy for 6 hours or longer, NAS battery units are scalable to hundreds of megawatt-hours.

The new product NAS MODEL L24 has been jointly developed by NGK and BASF and is characterized by a significantly lower degradation rate of less than 1% per year thanks to a reduced corrosion in battery cells.

Why has BASF entered the energy storage market with NAS technology? You may ask why BASF, a renowned chemical company, has decided to enter this market. BASF has a bold decarbonisation strategy which matches many of the world's leading economies in targeting net zero emissions by 2050.

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We, the team of BASF Stationary Energy Storage, fully support you in finding the appropriate energy solution for your individual use case. We are selling stationary storage batteries based on the proven NAS technology, produced by NGK Insulators Ltd.

The new "advanced" version of the sodium-sulfur (NAS) battery, first commercialised by Japanese industrial ceramics company NGK more than 20 years ago, offers a 20% lower cost of ownership compared to previous models, according to the company and its partner BASF Stationary Energy Storage.

Development of sales pipeline of energy storage in the region and manage from contact to execution of the battery projects. Main Responsibilities & Key Activities: Take responsibility for ...

Compared to the previously available battery type, the new NAS battery is characterized by a significantly lower degradation rate of less than 1% per year thanks to reduced corrosion in...

Since then, Energy-Storage.news has reported on various projects announced by both NGK and BASF, including a 3.6MWh NAS battery for Mongolia's first solar-plus-storage project, a 950kW / 5.8MWh system at a ...

We supply containerized NAS battery systems with 250KW/1.450MWh. The compact form enables easy transportation and quick installation at our customers' sites. Depending on your energy storage need, one or more containers can be installed.

You will coordinate closely with the internal teams for technology and R& D, procurement and project execution of the global NAS battery unit at BASF. You will coordinate with our external ...

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