

Sodium battery energy storage in Antwerp Belgium



Overview

The battery system in Antwerp has an energy storage capacity of 5.8 megawatt hours (MWh) and a total output of 950 kilowatts (kW). Credit: BASF

BASF has started up a sodium-sulfur battery installation at its chemical complex in Antwerp, Belgium. Set up in shipping containers, the system has 5.8 MWh capacity and a power rating of 25 MW.

A long-duration energy storage system using NGK's sodium-sulfur (NAS) batteries has been commissioned by a subsidiary of German. TotalEnergies has launched at its Antwerp refinery (Belgium), a battery farm project for energy storage with a power rating of 25 MW and capacity of 75 MWh, equivalent to the daily consumption of close to 10,000 households. After commissioning.

ced power generation and consumption. Growing up in a family-run battery business founded in 1981, he built deep expertise in energy storage, conversion, and management.

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A first flagship energy storage project in Belgium
The Antwerp battery project has a power rating of 25 MW and capacity of 75 MWh. The installation will be operational by the end of 2024.



[Belgium's Energy Storage Market Growth \(20](#)

Strategic Positioning of Key Players GIGA Storage
Belgium: GIGA Storage is constructing the Green Turtle battery park in Dilsen-Stokkem, a 700 MW / 2,800 MWh installation. Strategically located ...



[Belgium sodium ion battery energy storage](#)

A long-duration energy storage system using NGK's sodium-sulfur (NAS) batteries has been commissioned by a subsidiary of German chemicals company BASF, which seeks out high growth ...

APPLICATION SCENARIOS

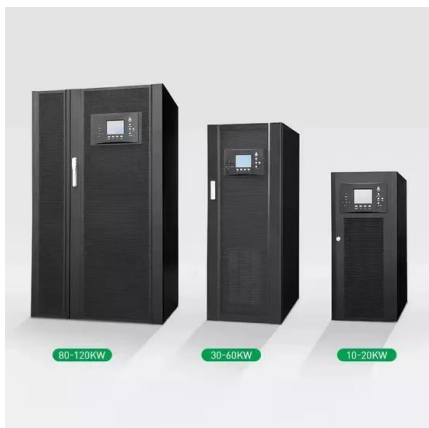


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With this long-term project in Antwerp, the BASF team wants to test various operating scenarios and further explore the potential of NAS® batteries. NAS® batteries are sodium-sulfur ...



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[Energy Storage in Belgium & Europe](#)

I am an energy storage consultant based in Antwerp, Belgium, with decades of hands-on experience in battery technology and energy management. Growing up in a family-run battery ...



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With this long-term project in Antwerp, the BASF team wants to test various operating scenarios and further explore the potential of NAS batteries. NAS batteries are sodium-sulfur ...



[BASF starts battery installation](#)

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