

The largest solar container battery in Northern Europe

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Where is the largest sodium-ion battery installation in Europe?

Coming out of stealth, Switzerland's Phenogy unveiled its first commercial-scale deployment on Wednesday - marking the largest sodium-ion battery installation in Europe to date. The single-container system, installed at a commercial site near Bremen Airport in northern Germany, delivers 400 kW of power and offers nearly 1 MWh of storage capacity.

What is Europe's largest battery energy storage system?

While these projects boast massive planned capacities, the largest active BESS in Europe is now the first 400 MWh phase of ENGIE's 200 MW /800 MWh system in Vilvoorde, Belgium, which has officially gone live. Sungrow and ENGIE bring Europe's largest battery energy storage system online in Belgium with the completion of its first 400 MWh phase.

How much power does a single-container system provide?

The single-container system, installed at a commercial site near Bremen Airport in northern Germany, delivers 400 kW of power and offers nearly 1 MWh of storage capacity. It is paired with an existing 50 kW solar array and is currently operating in island mode, optimizing on-site energy consumption while powering electric vehicle chargers.

Which battery energy storage system projects are backed by a reputable developer?

As of mid-late 2025, four utility-scale Battery Energy Storage System (BESS) projects stand out by size -- each designed in the 0.5-2.8 GWh class and backed by reputable developers and public filings. Below I summarise each project, its capacity, status and why it matters. 1. Green Turtle (Rotem/Dilsen-Stokkem, Limburg -- Belgium)

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