

500kW Norwegian energy storage container for cement plant





Overview

“Brevik Norcem” had already attracted global attention years before its realisation: the plant, which will have been completed in Brevik, Norway, by July 2024, is the world’s first project designed to capture and store carbon dioxide within an existing cement production plant and is expected to reduce CO₂ emissions there by 50 %. What is the best energy storage system solution?

With its robust features and exceptional scalability, the BESS Container 500kW 2MWh 40FT Energy Storage System Solution is the ideal choice for secure, efficient, and large-scale energy management. Email us with any questions or inquiries or use our contact data. We would be happy to answer your questions.

How will CO₂ be stored at Brevik CCS?

From there, CO₂ will be sent via pipeline to a storage site deep beneath the seabed in the North Sea. Together, the Longship project marks the beginning of a new era for CCS globally. Brevik CCS has reached a key milestone: 1,000 tonnes of CO₂ have now been captured and stored at the cement plant.

What are the benefits of a Bess container energy storage system?

It also includes automatic fire detection and alarm systems, ensuring safe and efficient energy management. The BESS Container 500kW 2MWh 40FT Energy Storage System Solution is a cutting-edge, highly integrated energy storage solution designed for large-scale applications.

Who were the 320 guests at the energy conference in Norway?

Among the more than 320 guests were Norway's Minister of Energy Terje Aasland, Heidelberg Materials CEO Dominik von Achten, and representatives from international authorities, industry, NGOs and start-ups.



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Norway is a pioneer in the field of CCS (carbon capture and storage) technology. In 2020, the government gave the go-ahead for the "Brevik Norcem" project, which had been planned for ...

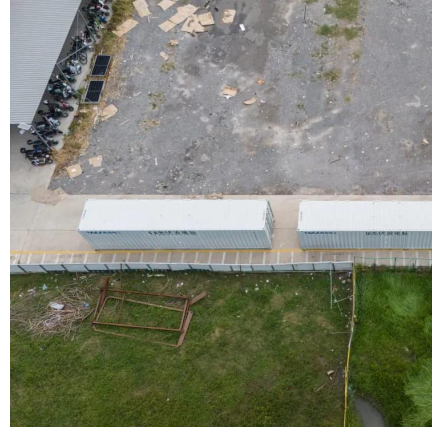


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As part of Norway's long-term initiative to capture, transport, and store CO2 emissions, the Norwegian Parliament approved the Brevik CCS project in ...

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Jun 19, 2025 · At an event presided over by Crown Prince Haakon of Norway, Heidelberg Materials inaugurated in Brevik the world's first cement plant equipped with a CO2 capture and ...



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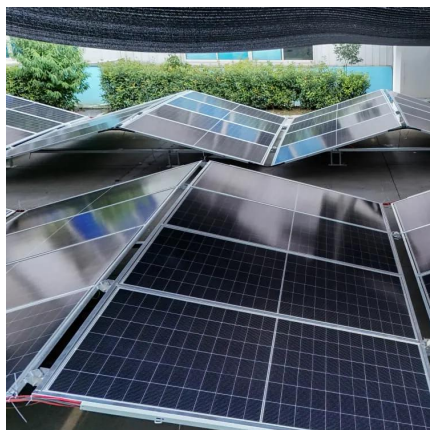


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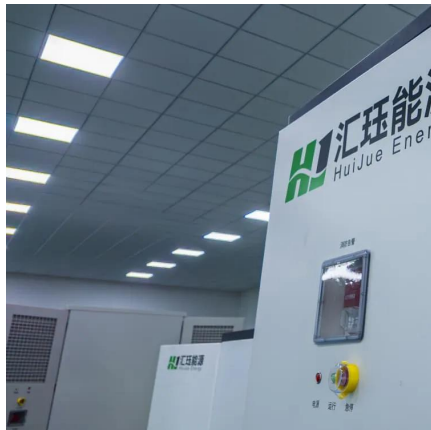
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May 12, 2025 · reference case MAN Energy Solutions is supplying the compressor system for the carbon capture and storage (CCS) system at the Norcem Brevik cement plant of Heidelberg ...



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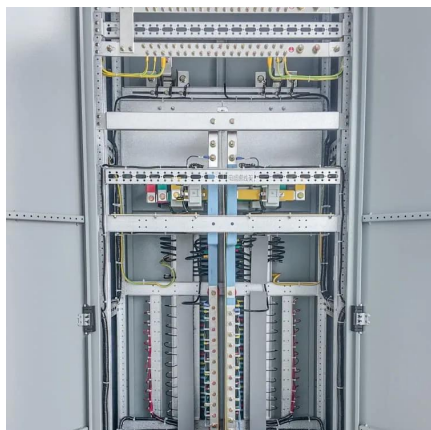
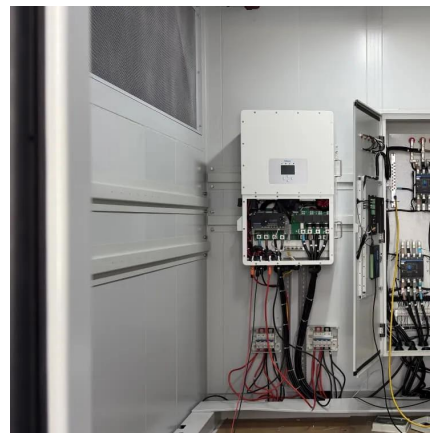


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Place of Origin:Anhui, China Brand Name:Rosen or OEM Model Number:RS500KWH-ESS Battery Type:GEL/Lithium Battery Packs with BMS Product name:Energy Storage System ...

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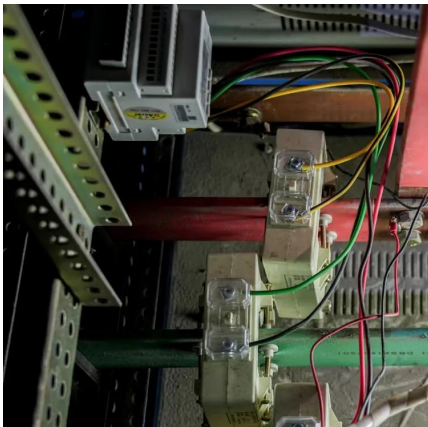


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