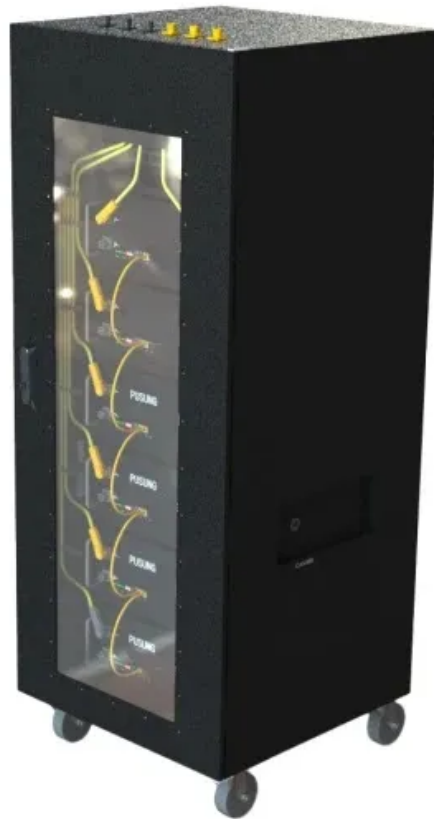


ContainerPower Energy Solutions

Swedish outdoor communication power supply BESS equipment company



Overview

Who is polar Bess?

Polar Bess specializes in advanced battery energy storage systems, enhancing grid resilience and promoting renewable energy. Established in 2024, we deliver scalable solutions for the evolving energy sector, driving sustainable innovation and large-scale project execution.

What is the largest Bess project in Sweden?

The 1-hour duration BESS project, called Isbillen Power Reserve, will be the largest in Sweden and the largest in the Nordics by megawatt (MW) power.

What does polar BESs do?

At Polar Bess, we specialize in advanced battery energy storage systems, enhancing grid resilience and promoting the global shift towards renewable energy sources with our cutting-edge technology and expertise. Innovative battery energy storage systems enhancing grid resilience and supporting renewable energy initiatives.

How many MW of Bess is coming to Sweden this year?

Some 200MW of grid-scale BESS is set to come online in Sweden this year according to Flextools, including a 20MW project deployed by Alfen at a wind farm operated by Vasa Vind, announced last week. Energy-Storage.news' publisher Solar Media will host the 9th annual Energy Storage Summit EU in London, 20-21 February 2024.

What is isbillen Bess?

The Isbillen BESS will mainly provide ancillary services, specifically Frequency Containment Reserve, to Swedish transmission system operator (TSO) Svenska Kraftnät. It will be connected to the 130kV grid area operated by distribution system operator (DSO) E.ON Energidistribution.

Where will Nidec's Bess be made?

Nidec will provide the BESS which it will manufacture and assemble in France while the inverters will be built in Italy. More than “half of the value of the project” will be of European origin, Neoen said.

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