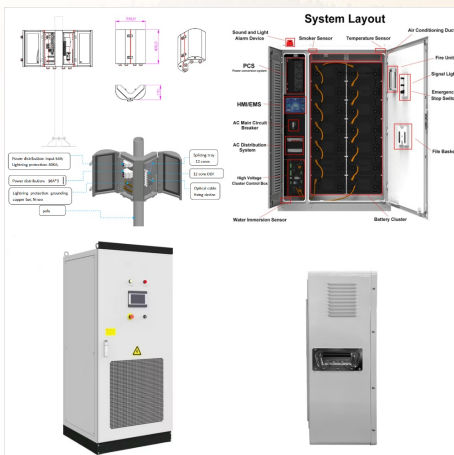




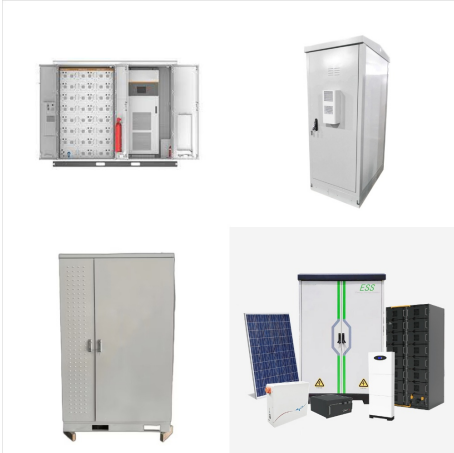
Later this afternoon a large battery connected to the main grid in Nordhavn is officially inaugurated. The battery is part of the EnergyLab Nordhavn project, developing and demonstrating energy solutions of the future. Fully charged the battery holds power to supply 60 households with energy for 24 hours.



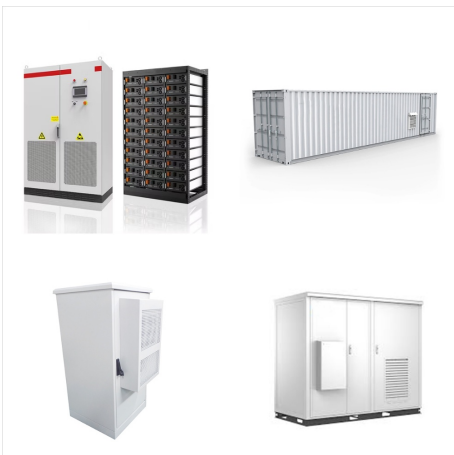
A new project led by DTU has been granted 19 million DKK by the Danish Energy Technology Development and Demonstration Program. The project will demonstrate the largest grid-connected battery energy storage in Denmark. Batteries could be a key factor to retiring fossil-fueled power plants.



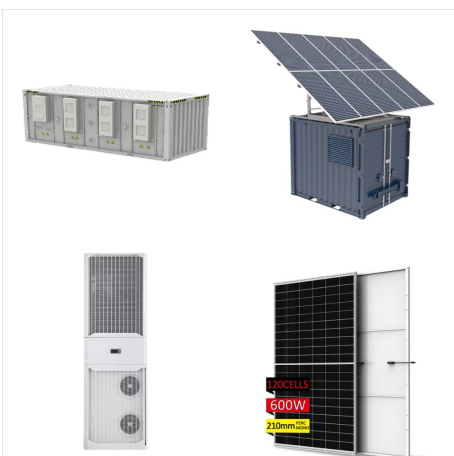
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Battery energy storage systems (BESS) allow utilities and other energy generators to capture excess energy and safely store it for future use. The effective use of BESS will be critical to the clean energy transition, the stabilization of the electrical grid and will continue to evolve to be a large part of the future energy system.



Bulk physical storage of renewable energy produced gases can act as a longer-term storage solution (hours, days, weeks, months) to help maintain flexibility in a fossil-free energy grid (The Danish Partnership for Hydrogen and Fuel Cells). Without the hydrogen scenario, the potential for hydrogen-based energy storage in Denmark will be limited.



As Denmark continues to embrace renewable energy sources, BESS stands as a critical asset in optimizing energy storage and utilization, reflecting the country's commitment to a sustainable

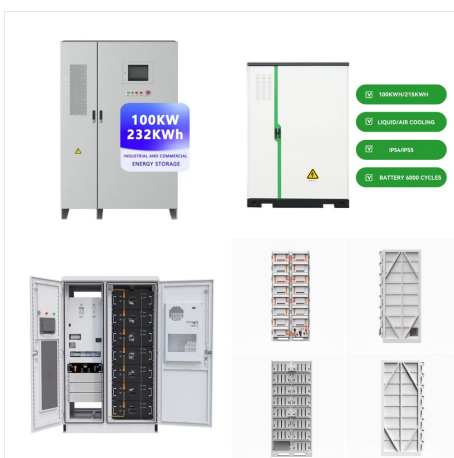
# DENMARK POWER ENERGY STORAGE



The catalogue contains data for various energy storage technologies and was first published in October 2018. Several battery technologies were added up until January 2019. Technology data for energy storage ??? October 2018 ??? Updated April 2024. Datasheet for energy storage ??? Updated September 2023



The Danish cleantech company BattMan Energy, which specializes in implementing battery storage systems (BESS), has chosen Hitachi Energy as the battery energy storage system supplier for its three newest plants in Denmark. Some of the country's largest BESS facilities, the plants will have a collective effect of 36 megawatts (MW)/72 megawatt



Developer Better Energy is deploying its first battery energy storage system (BESS), a 10MW/12MWh system, at one of its solar PV plants in Denmark. The company is installing the 1.2-hour duration BESS project at its Hoby solar park on the island of Lolland, southern Denmark, which came online in August 2023.



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The concept of storing renewable energy in stones has come one step closer to realisation with the construction of the GridScale demonstration plant. The plant will be the largest electricity storage facility in Denmark, with a capacity of 10 MWh.