

Danish energy storage batteries are maintenance-free





Overview

How long will a solid-state battery last?

And it is nowhere near enough to provide flexibility in the electricity grid, where batteries can be used to store solar and wind energy. However, in many existing areas of use, such as cars, solid-state batteries provide noticeable benefits, and experts expect that they can be introduced in about five years.

What is a battery storage project?

Our goal is to build an integrated business where technology, power trading, and development work together to create long-term value. Initiating a battery storage project involves ensuring proximity to the grid's transmission level, with a screening process initiated with grid operators to assess available capacity.

How long did it take to develop a lithium-ion battery?

It took 20 years to develop the lithium-ion battery. It is hoped that the next generation, e.g. lithium-air or flow batteries, which are more sustainable, cheaper and suitable for collecting energy from the electricity grid, will be developed much faster.

What is a solid state battery?

Solid-state batteries are essentially the same as the well-known lithium-ion battery, but in solid form. In solid-state batteries the electrolyte (the connection between anode and cathode) is glass-based, i.e. solid rather than liquid. This provides a number of benefits.



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Battery energy storage

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Battery energy storage



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Storage

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