

# Energy storage product service life





## Overview

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What is the future of energy storage?

BNEF (Bloomberg New Energy Finance) predicts that energy storage installations around the world are projected to reach a cumulative 411 gigawatts (or 1,194 gigawatt-hours) by the end of 2030. The most important feature of energy storage product is that the calendar life and cycle life shall be more than 20 years.

What is a long-duration energy storage system?

This long-duration energy storage system improves grid resilience for urban communities, reduces strain on electrical transmission lines, is non-flammable, and enables greater renewable energy adoption. 4. Sperra: Storing Energy Beneath the Ocean.

What is a high temperature and long service life cell?

The innovative solution is equipped with the industry's first high temperature and long service life cells, with which the system cycle life can reach 15,000 cycles and with zero auxiliary power consumption, allowing the system to operate safely and economically throughout its life cycle.

Where are ultra-long-life batteries deployed?

In 2020, we deployed the 12,000-cycle ultra-long-life batteries at the Jinjiang 100 MWh Energy Storage Power Station. This facility has maintained safe operations for over 1,300 days.



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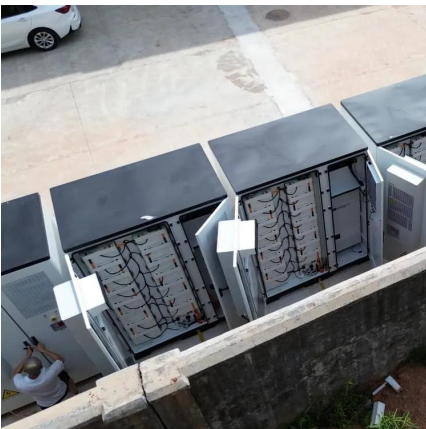


### [Increasing Life and Cycle Life of Energy Storage Systems](#)

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