



Best energy storage companies

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Including Tesla, GE and Enphase, this week's Top 10 runs through the leading energy storage companies around the world that are revolutionising the space. Whether it be energy that powers smartphones or even fuelling entire cities, energy storage solutions support infrastructure that acts as a foundation to the world around us.

Dozens of companies are now offering energy storage solutions. In this article, our energy storage expert has selected the most promising energy storage companies of 2024 and demonstrates how their technologies will contribute to a smart, safe, and carbon-free electricity network.

These companies have secured top positions in the global energy storage battery market. However, venturing into international markets presents challenges, including regulatory disparities, localized product demands, and certification requirements.

Below, you'll find a list of the top 50 energy storage companies in 2021. The following companies operate both nationally and internationally to provide energy storage systems for a wide range of clients, from residential property owners to large corporations.

Whether it be energy that powers smartphones or even fuelling entire cities, energy storage solutions support infrastructure that acts as a foundation to the world around us.

With demand for clean, reliable and efficient energy continuing to climb, companies pioneering innovative storage technologies have a spotlight shone on them to ensure the future and success of the energy landscape.

In this week's Top 10, Energy Digital takes a deep dive into energy storage and profile the world's leading companies in this space who are leading the charge towards a more sustainable energy future.

Acquired by Sunrun in 2020 for US\$3.2bn, Vivint Solar entered the home energy storage market in 2017 with a partnership with Mercedes-Benz Energy followed by another partnership with LG Chem. Known for its residential solar installations, Vivint has emerged as a notable player in the energy storage sector as it has expanded its offerings. Its energy storage systems complement solar panel installations which allow homeowners to store excess energy and provides backup power in the event of grid outages.

Thanks to its commitment to diversifying its portfolio of products and services, Vivint has quickly become a key player in the energy storage and residential energy solutions realm.

Chilean commodities producer Sociedad Química y Minera has significant operations in lithium -- primarily used in batteries for electric vehicles and energy storage systems -- as well as solar salt, which is used for

thermal energy storage. It's involvement in lithium production is where the company has made significant strides in the energy storage space due to their integral role in energy storage systems. Thanks to its expertise in lithium extraction and processing, it is able to innovate and develop new lithium-based technologies which advance energy storage capabilities.

Battery storage and energy solutions systems from Johnson Controls allow for seamless integration with existing building technology systems. These utilise algorithms that provide for flexible and custom applications, the company says, such as demand management, frequency regulation and integration with renewables.

"Our customers working on solar or battery storage projects have historically faced challenges with funding and high costs, especially those in the education, healthcare and public housing industries," said Brandie Williams, Performance Infrastructure Business Development Director, West Region at Johnson Controls. "We're proud to showcase how dedicated Johnson Controls is to making efficiency and sustainability accessible for any customer."

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