

A photograph showing three white energy storage units mounted on a wall. A power inverter is mounted above them, with white cables connecting the units. A black charging cable is plugged into one of the units. The background is a dark wall with decorative white light patterns. A blue semi-transparent box is overlaid on the right side of the image, containing the title text.

# Energy Storage Systems

## Providing a Reliable Power Option

Consumers, commercial and industrial applications, and power grids all know the value of Energy Storage Systems (ESS) as a backup energy source. These systems can store power from solar, wind, or the power grid for later use and can range in size to be small enough to hang on your garage wall or large enough to fit into a container storage box.

Flex helps you design and build a new ESS or update your existing systems, big or small, using our technical experts, manufacturing facilities, and mechanical capabilities.

### Engineering support

- HVAC System
- Battery Cells
- Fire Suppression

### Manufacturing support

- Battery modules
- Battery management systems
- Metal racks & enclosures
- AC & DC panel
- Power Inverters

# Energy Storage Systems

The engineering, manufacturing, and supply chain expertise and capabilities you need for your ESS project.



## Engineering support

- Identify the right battery cell and battery module manufacturing process.
- Provide system level engineering guidance for development of an ESS.
- Technical recommendations for ancillary components.

## Manufacturing

- Automated lines with precision laser welding capabilities reduces defects.
- Regional facilities to take advantage of government subsidies and incentives for ESS.
- Provide complete configure-to-order assembly to accelerate mass production.



## Supply chain

- Regions with a robust energy storage market rely on well-established supply chain ecosystems for components.
- Knowledgeable in managing heavy shipments and hazardous materials requirements help reduce logistics costs.

For more information, visit [flex.com/connect](https://flex.com/connect)

Flex (Reg. No. 199002645H) is the manufacturing partner of choice that helps a diverse customer base design and build products that improve the world. Through the collective strength of a global workforce across 30 countries and responsible, sustainable operations, Flex delivers technology innovation, supply chain, and manufacturing solutions to various industries and end markets.

©2022 FLEX LTD. All rights reserved. Flextronics International, LTD.

**flex**