

# Energy storage equipment system shipment list



## Overview

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In the first three quarters of 2024, global utility-scale energy storage cell shipments reached 180 GWh, up 49. The top five manufacturers, CATL, EVE Energy, Hithium, CALB, and BYD, dominate the market, with the top two holding nearly 55% combined share.

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### [A new approach could fractionate crude oil using much less energy](#)

MIT engineers developed a membrane that filters the components of crude oil by their molecular size, an advance that could dramatically reduce the amount of energy needed for crude oil

### [New materials could boost the energy efficiency of microelectronics](#)

MIT researchers developed a new fabrication method that could enable them to stack multiple active components, like transistors and memory units, on top of an existing circuit, which



### **InfoLink Releases Q1 2025 Global Energy Storage**

The rankings are based on shipment data from InfoLink's Energy Storage Supply Chain Database. In Q1 2025, China's market showed steady growth, the U.S.

### **Battery Energy Storage Systems Report**

Component Functions 27 Battery Management Systems and Environmental Control .. 27  
Inverters



### **Explained: Generative AI's environmental impact**

MIT News explores the environmental and sustainability implications of generative AI

technologies and applications.

[Energy . MIT News . Massachusetts Institute of Technology](#)

Massachusetts Clean Energy Center CEO MBA '12 Emily Reichert highlights the state government's unique approach to fostering and keeping clean energy innovation.



[What's the best way to expand the US electricity grid?](#)

Growing energy demand means the U.S. will almost certainly have to expand its electricity grid in coming years. What's the best way to do this? A new study by MIT researchers examines

**Global energy storage system shipment ranking**

The global Battery Energy Storage Systems (BESS) integrator market has grown increasingly competitive in 2022, with the top five global system integrators accounting for 62% of



[1H25 Global energy storage system \(ESS\) shipment rankings](#)

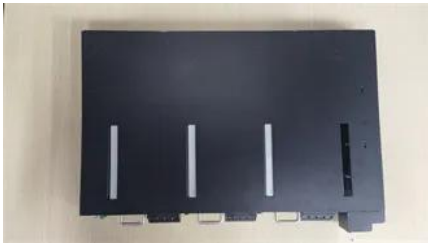
In 1H25, global utility-scale ESS shipments reached 147.6 GWh. The top five suppliers were Sungrow, Tesla, BYD, CRRC Zhuzhou Institute, and HyperStrong. Sungrow is expected to

[Concrete "battery" developed at MIT now packs 10 times the power](#)

New concrete and carbon black supercapacitors with optimized electrolytes have 10 times the



energy storage of previous designs and can be incorporated into a wide range of architectural



[MIT Energy Initiative conference spotlights research](#)

At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical technologies amidst a changing energy landscape.

**Evelyn Wang: A new energy source at MIT**

As MIT's first vice president for energy and climate, Evelyn Wang is working to broaden MIT's research portfolio, scale up existing innovations, seek new breakthroughs, and channel



[How artificial intelligence can help achieve a clean energy future](#)

A look at how AI can be used to help support the clean energy transition by helping to manage power grid operations, plan infrastructure investments, guide the development of novel

[New facility to accelerate materials solutions for fusion energy](#)

The new Schmidt Laboratory for Materials in Nuclear Technologies (LMNT) at the MIT Plasma Science and Fusion Center accelerates fusion materials testing using cyclotron proton beam



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