

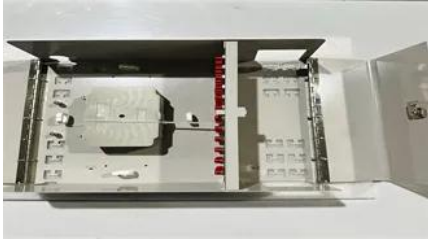
Energy storage battery return



Overview

Return is Europe's leading independent large-scale energy storage provider.
We're not just building batteries.

Energy storage battery return



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

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 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

[Explained: Generative AI's environmental impact](#)

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.



APG invests in Return's battery

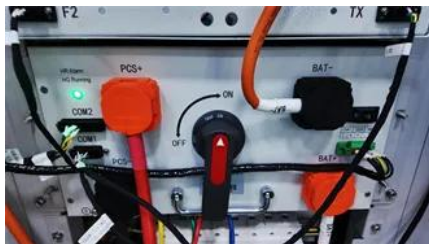


energy storage platform , Homepage

APG, on behalf of its pension fund client ABP, is investing EUR300 million in Return to accelerate the expansion of its battery energy storage platform across Europe.

[Making clean energy investments more successful](#)

New research emphasizes the importance of well-validated models and forecasting tools in evaluating choices for investments in clean energy technologies and policies by governments and



[Dutch energy storage provider Return raises EUR300](#)

Return, which rebranded earlier in 2025 from SemperPower, said it had already invested a similar amount in its core operations prior to the deal.

[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.



MIT engineers create an energy-storing supercapacitor from ancient

MIT engineers created a carbon-cement

supercapacitor that can store large amounts of energy. Made of just cement, water, and carbon black, the device could form the basis for

Giving buildings an "MRI" to make them more energy-efficient and

Founded by a team from MIT, Lamarr.AI utilizes drones, thermal imaging, and AI to identify energy waste and structural issues in buildings and recommend retrofits.



Study: Fusion energy could play a major role in the global response to

Investigators in the MIT Energy Initiative and the MIT Plasma Science and Fusion Center have found that - depending on its future cost and performance - fusion energy has the potential

Next-generation geothermal energy: Promise, progress, and challenges

Geothermal energy, a clean, continuous energy source accessible in many locations, has been slow to catch on. Nearly 2,000 years ago, the Romans made extensive use of geothermal



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