

# Energy storage battery return





## Overview

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What is return energy storage?

At Return, we are committed to revolutionizing energy storage to accelerate the transition to clean energy. Our mission is to own and provide large-scale energy storage systems that deliver flexible, smarter, and more efficient power solutions.

What is return energy?

Return. energy. We envision a world where every renewable electron is preserved, powering a sustainable and resilient future. At Return, we are committed to revolutionizing energy storage to accelerate the transition to clean energy.

Is return a leader in energy storage?

After acquiring Lion Storage in 2023, Return strengthened its position as a leader in large-scale energy storage solutions. Located in Vlissingen's North Sea Port, Project Mufasa is now fully funded and set to become one of Europe's largest battery storage systems.

Why is return a leading energy storage company?

Together, these projects play a vital role in balancing energy supply and demand, strengthening the Dutch power market. After acquiring Lion Storage in 2023, Return strengthened its position as a leader in large-scale energy storage solutions.

How will a large-scale battery storage project support the energy transition?

Pollux and Castor, two large-scale battery storage (BESS) projects in Vlissingen, enhance grid stability and support the energy transition. One of Europe's largest battery storage projects, Mufasa will stabilize the Dutch power grid and accelerate the energy transition.



## What is return's Star Energy Storage Project?

Star is Return's first large-scale energy storage project in Terneuzen, operational since November 2021. By balancing supply and demand, it enhances grid stability, enables renewable energy integration, and strengthens the region's sustainable energy infrastructure.



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[Energy . Journal . ScienceDirect by Elsevier](#)

Energy is an international, multi-disciplinary journal in energy engineering and research, and a flagship journal in the Energy area. The journal aims to be a leading peer-reviewed platform ...

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### Return and Benbros Energy sign agreement to develop more ...

A 100 MW / 200 MWh battery energy storage system in Waddinxveen, capable to power 50% of the city of The Hague, is set to go live mid 2026 and has a critical role in ...

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51.2V 300AH



### 10 Types of Energy With Examples

Energy is defined as the ability to do work. Energy comes in various forms--from sonic and gravitational to nuclear and thermal. Understanding these diverse forms of energy ...

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### [Lion Storage's Mufasa accelerates the Dutch energy ...](#)

Dutch energy storage developer Lion Storage, part of Return, will develop one of the largest battery energy storage systems (BESS) in Europe with a storage ...



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### **Return, Alfen and Vattenfall partner on 200MWh Netherlands BESS**

Investor Return has started construction on a 100MW/200MWh BESS project in the Netherlands, with energy storage technology supplied by system integrator Alfen and ...

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### **Vattenfall signs agreement to optimise large-scale battery park in ...**

Vattenfall and the international energy storage company Return have entered into an agreement under which Vattenfall will operate and optimize a large-scale battery park with ...



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**Product Model**  
HJ-ESS-215A(100KW/215KWH)  
HJ-ESS-115A(50KW 115KWH)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled

## [Amsterdam's Return acquires majority stake in ...](#)

Through its portfolio companies, including SemperPower, Lion Storage, and J& P, Return aims to be at the forefront of developing and operating large-scale ...

## [Product Information](#)



## Return snaps up 310 MW of battery projects in Germany , Energy ...

2 days ago· European energy storage firm Return has unveiled the purchase of four ready-to-build and permitted battery energy storage system (BESS) projects in eastern Germany with a ...

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## Energy

Energy (from Ancient Greek ???????? (enérgeia) 'activity') is the quantitative property that is transferred to a body or to a physical system, recognizable in the performance of work and in ...

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## [Return, Bessmart to connect 670 MWh of German BESS by 2027](#)

2 days ago· Energy storage provider Return has partnered with Berlin-based Bessmart to develop and connect four battery storage plants in Brandenburg, Saxony-Anhalt, and Saxony. ...

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## Return, Bessmart to connect 670 MWh of German BESS by 2027 ...

2 days ago· Energy storage provider Return has partnered with Berlin-based Bessmart to develop and connect four battery storage plants in Brandenburg, Saxony-Anhalt, and Saxony. ...

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### [Return invests and commits over EUR 50m in Hamburg](#)

A 100 MW / 200 MWh battery energy storage system in Waddinxveen, capable to power 50% of the city of The Hague, is set to go live mid 2026 and has a critical role in ...

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### **Energy Transition Platform Return Acquires Stake in J& P Batterie**

Return is involved in developing and operating large-scale battery energy storage systems throughout Europe through its portfolio, which includes companies like SemperPower, ...

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### **Return Energy acquires battery energy storage project from Tomorrow Energy**

Return Energy acquires battery energy storage project from Tomorrow Energy The Netherlands aims to achieve 39% renewable energy by 2030, necessitating substantial energy storage ...

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### [Energy . Definition. Types. Examples. & Facts . Britannica](#)

Energy is the capacity for doing work. It may exist in potential, kinetic, thermal, helectrical, chemical, nuclear, or other forms. What is the unit of measurement for energy? In ...

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### [Vattenfall to optimise large-scale battery park for Return](#)

Vattenfall and the international energy storage company Return have entered into an agreement under which Vattenfall will operate and optimize a large-scale battery park with ...

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### **Netherlands to build 1.4 GW battery storage facility with Tesla**

Dutch energy storage firm Return plans to build a 1.4 gigawatt battery storage facility in the port of Vlissingen by 2027, it said on Tuesday, using 372 of Tesla's Megapack 2 ...

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### [Vattenfall to operate a 50-megawatt battery park in the ...](#)

Vattenfall has signed an agreement with Return to operate and optimise a 50-megawatt battery park in Waddinxveen, aiming to strengthen its energy storage portfolio in Northern Europe.

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### [Amsterdam-based Return unveils second EUR 100m](#)

A 100 MW / 200 MWh battery energy storage system in Waddinxveen, capable to power 50% of the city of The Hague, is set to go live mid 2026 and has a critical role in ...

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## Return , Locations

After acquiring Lion Storage in 2023, Return strengthened its position as a leader in large-scale energy storage solutions. Located in Vlissingen's North Sea Port, Project Mufasa is now fully ...

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