Introducing the first sodium-based HV home battery

While sodium-ion cells are a safer choice, most home storage solutions still rely on lithium-ion technology due to its higher energy density.

Revolta is now pioneering the **first sodium-based high-voltage battery for residential energy storage** that is not only safer but also smaller and lighter than competing products.

Don’t miss out:

- ✓ **Enhanced safety:** lower risk of overheating or thermal runaway
- ✓ **Optimal performance:** higher energy yield and long-term stability
- ✓ **Easy handling:** compact and lightweight design

Pre-order now! >>

revolta.tech/reservation

Revolta

Revolta AG
Oeserstr. 31c
65934 Frankfurt am Main, Germany

Phone: +49 151 2325 9758
Email: hello@revolta.tech

revolta.tech

Revolta

Relax like **Sodie!**

With safe sodium home storage.

Safer with sodium: 100% lithium-free home storage

Sodium-ion technology offers **superior thermal stability** and a lower risk of overheating or thermal runaway compared to conventional lithium-ion batteries – so residents and installers get to chill.

Smart balancing - optimal performance

In conventional battery systems, where multiple cells are connected in series, cell variations reduce the system's effective capacity.

By eliminating cell matching and enabling virtually **lossless real-time balancing,** Revolta delivers higher energy yield and improved long-term stability.

Innovative voltage-multiplier technology

Based on our proprietary ultra-efficient voltage-multiplier technology, featuring a specially developed **high-frequency transformer,** our 2.0 kWh battery unit contains only three large battery cells, compared to the dozens or even hundreds of small cells used in today's home storage systems.

This reduces system complexity and minimizes the required electronics, enabling us to deliver one of the **smallest and lightest** home storage systems on the market.

Smaller.
Lighter.
Safer.

13,7 L | 19 kg | 450 V

i Revolta's innovative voltage-multiplication topology enables boost factors exceeding 100 while maintaining ultra-low conversion losses.

Modular design - from 2 kWh to 20 kWh

With a nominal voltage of 450 V, the Revolta sodium battery features a truly modular architecture, enabling **flexible system configurations** from a single battery module (2.0 kWh) up to ten modules (20 kWh).

As the control unit is fully integrated into the base battery module, the system footprint scales directly with the number of installed modules, ensuring a compact and space-efficient design at any scale. With variable module placement, the system adapts seamlessly to the available installation space.

Secure your safe sodium storage now!

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