

German high-performance energy storage battery company



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





Overview

A team of scientists working for Bonn-based company High Performance Battery (HPB), led by Prof. Dr. Günther Hambitzer, has achieved a decisive breakthrough in battery and storage technology with the development of the world's first solid-state battery with outstanding properties to production readiness. Who makes the best battery storage systems?

Tesvolt: Specialized in commercial battery storage systems, producing advanced prismatic lithium cells in Europe's first Gigafactory in Wittenberg. Their systems integrate with diverse energy sources, from solar to biogas, both on-grid and off-grid. Sonnen: A pioneer for intelligent lithium-based energy storage.

What makes Germany a leader in the global battery industry?

Germany continues to lead the charge in the global battery industry, with manufacturers driving innovation across e-mobility, energy storage, and industrial applications.

Why should you choose German battery manufacturers?

From supplying battery cells for electric vehicles to designing advanced systems for grid-scale energy storage, these German manufacturers stand out for their technical expertise, global reach, and commitment to quality. Many of these companies have secured a significant market share in the world battery industry.

Why is Germany a powerhouse in battery technology?

Germany has become a powerhouse in battery technology, playing a critical role in advancing clean energy and electric mobility across Europe and beyond, and making a substantial impact on the world stage in the global battery industry.

Is Germany taking the battery industry seriously?



Germany is one of the countries that is taking the battery industry very seriously, especially in the development of batteries for energy storage and electric vehicles (EVs). Germany is leading the battery industry in Europe with a focus on domestic production, innovation, and sustainability.



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[Top 10 lithium battery manufacturers in Germany](#)

This article will explore the top 10 leading lithium battery manufacturers in Germany, analyzing their technological advantages, market positioning, and performance in various applications.

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Top 10 household energy storage companies in Germany

This article explores the top 10 household energy storage companies in Germany, shedding light on their innovative solutions and contributions to the renewable energy sector. From ...

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German start-up develops the world's first solid-state battery ...

A team of scientists working for Bonn-based company High Performance Battery (HPB), led by Prof. Dr. Günther Hambitzer, has achieved a decisive breakthrough in battery ...



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HPB , High Performance Battery

Founded in 2018 and led by Dr Sebastian Heinz as CEO, the company develops and licenses its proprietary battery technology to potential partners worldwide, enabling them to bring safe, ...

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[Top 10 Battery Manufacturers In Germany](#)

Voltabox AG is a German company specializing in manufacturing and developing high-performance lithium-ion battery systems used in various ...

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RWE commissions 220MW battery storage systems in Germany

German energy group RWE has commissioned two battery energy storage systems (BESS) with a combined capacity of 220MW at its Hamm and Neurath sites. The ...

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Top 10: Energy Storage Technologies , Energy Magazine

The top energy storage technologies include pumped storage hydroelectricity, lithium-ion batteries, lead-acid batteries and thermal energy storage

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Top 10 Battery Manufacturers in Germany 2025 Guide

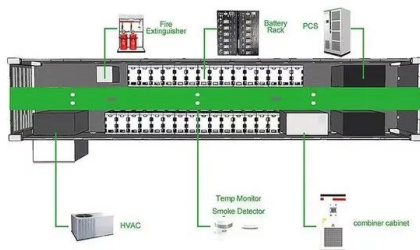
In this article, we explore the Top 10 Battery Manufacturers in Germany, featuring companies that are leading the charge in lithium-ion battery technology, sustainable production, and smart ...

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26 Top Battery Startups and Companies in Germany

Tesvolt: Specialized in commercial battery storage systems, producing advanced prismatic lithium cells in Europe's first Gigafactory in Wittenberg. Their systems integrate with ...

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Flexible battery storage

Using regenerative energies at home - battery storage and energy storage from BMZ make it possible. The battery storage with integrated security concept ...

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Top 10 Battery Energy Storage Systems Companies of 2024

Global Battery Energy Storage Systems (BESS) Companies size was valued at USD 6185.25 Million in 2023 and is expected to reach USD 51342.33 Million in 2032, growing ...

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[Top 10 Battery Manufacturers In Germany](#)

Voltabox AG is a German company specializing in manufacturing and developing high-performance lithium-ion battery systems used in various industrial applications.

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Top 10 BESS manufacturer in Germany

This paper will provide an in-depth analysis of the top 10 BESS manufacturers in Germany, including STABL, TESVOLT, Sonnen GmbH, BMZ Group, E3/DC, ...

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Battery energy storage systems (BESS) in Germany , ENGIE ...

Battery energy storage systems (BESS) are experiencing a remarkable upswing in Germany - and quite rightly so. They offer one of the key need that an energy system ...

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[Top Battery Companies In Germany In 2025](#)

Overall, Germany's battery industry is poised for significant growth in the coming years due to the increasing demand for energy storage solutions and the ...

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VW's PowerCo Speeds Up EV Shift with Battery Innovation

Beyond cell production, the company aims to expand into battery recycling and energy storage solutions, further enhancing Volkswagen 's sustainable business model. As the ...

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Top 10 BESS manufacturer in Germany

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Top 10 industrial and commercial energy storage ...

Company profile: TESVOLT is a leading manufacturer of commercial and industrial battery storage systems, founded in 2014 by Daniel Hannemann and ...

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50KW modular power converter



[Top 10: Energy Storage Companies , Energy Magazine](#)

Tesla has been growing its energy storage business in recent years. Established as a key player in the electric automotive industry, it has ...

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[German Innovations in Solid-State Battery ...](#)

The advancements in solid-state batteries by German companies like HPB and BMW's innovative approaches in battery technology herald a ...

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News Analysis: The German battery storage opportunity

Brookfield-owned renewable energy developer X-Elio last month announced one of the largest deals in the utility-scale German battery storage to date, agreeing with other ...

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BOS

BOS AG is a German Energy Storage Systems (ESS) manufacturer & expert in the off-grid sector & provides Lithium batteries as a lead extension.

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Which German energy storage companies are worth buying?

Within the German energy storage sector, several companies have emerged as frontrunners, demonstrating exceptional potential for growth through innovative products and ...

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[Top 10 Battery Manufacturers In Europe In 2025](#)

TESVOLT is a company headquartered in Lutherstadt Wittenberg, Germany, that focuses on providing high-performance lithium battery storage ...

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<https://fenix-info.pl>