



EK s energy storage power plant

LIQUID COOLING ENERGY STORAGE SYSTEM

EMS real-time monitoring
No container design
flexible site layout



Cycle Life
≥ 8000

Nominal Energy
200kwh

IP Grade
IP55





Overview

The joint power conversion solution uses a high fixed-voltage DC-coupled storage architecture to deliver a lower cost and higher performing renewable energy system with the responsiveness of traditional power plants. After spending more than 25 years at ABB and Hitachi Energy, Alberto stepped into his role at eks Energy in February 2024, bringing with him decades of experience in operations, manufacturing, and technical management, as well as a keen eye for the future of energy. Our interview comes with a. Hitachi Energy's WD3 fully functional power conversion station for utility-scale battery energy storage systems. Image: David Morales/Hitachi Energy Hitachi Energy was 'looking for a long time' to add power conversion architecture to its offerings before its acquisition of Eks Energy (EKS), ESN. Zurich, August 28, 2025 - Hitachi Energy, a global leader in electrification, has completed the acquisition of the remaining stake in eks Energy, a technology and market leader in power electronics and control solutions to deliver a scalable, flexible, and complete approach for energy storage. Discover cutting-edge battery storage solutions, regional energy trends, and actionable insights for industries seeking sustainable power management. With solar capacity growing 58% annually across South America, countries like Brazil and Chile face urgent demands for grid stabilization.



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Hitachi Energy Completes Acquisition of eks Energy Stake to Expand

Hitachi Energy has finalized the acquisition of the remaining stake in eks Energy, a company specializing in power electronics and control solutions for energy storage systems.

[Hitachi Energy acquires remaining stake of eks Energy, ...](#)

Hitachi Energy acquired a majority stake in eks Energy in 2023. As energy storage emerges as a cornerstone of grid stability, reliability and energy security, the IEA1 has called for a sixfold increase

...



Hitachi Energy's acquisition of PCS

According to Alberto Prieto, the CEO of EKS appointed by Hitachi Energy to lead its new subsidiary, the acquisition of the Spanish energy storage power conversion (PCS) system, solar ...

Hitachi Energy acquires remaining stake of eks Energy, reinforcing

Hitachi Energy and E.ON sign deal worth up to \$700 million USD for critical grid infrastructure to bolster energy security and resilience in Germany [Hitachi Energy]



Smart DC-Coupled Storage Solution

The joint power conversion solution uses a high fixed-voltage DC-coupled storage architecture to deliver a lower cost and higher performing renewable energy system with the responsiveness of traditional ...



Hitachi Energy strengthens position in energy storage market with

In a significant move to solidify its leadership in the energy storage sector, Hitachi Energy, a global leader in electrification, has completed the acquisition of the remaining stake in eks ...



[The eks Energy acquisition: one year later](#) [Hitachi Energy](#)

By combining eks Energy's cutting-edge power electronics with Hitachi Energy's robust system integration, battery energy storage system (BESS), and automation capabilities, both ...

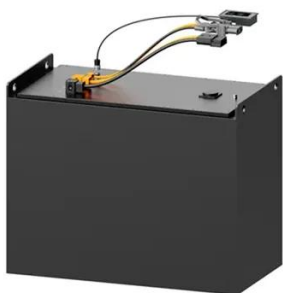


South America EK Energy Storage



Power Station: Revolutionizing

The South America EK Energy Storage Power Station exemplifies how modern battery technology enables renewable energy adoption while ensuring grid reliability. As regional energy demands grow ...



List of energy storage power plants

This is a list of energy storage power plants worldwide, other than pumped hydro storage. Many individual energy storage plants augment electrical grids by capturing excess electrical energy during periods of low demand and storing it in other forms until needed on an electrical grid. The energy is later converted back to its electrical form and returned to the grid as needed.



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