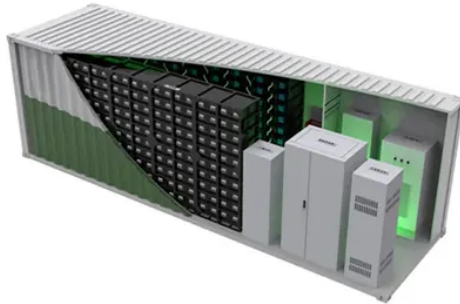


Amsterdam power storage vehicle



Overview

Located in the Westhaven of Amsterdam, the new battery installation—named Giraffe—is the largest in the city, with a power capacity of 10 MW and an energy storage capacity of 47 MWh. With Giraffe, sustainably generated energy can be efficiently stored and deployed during times of. Today the largest European energy storage system using second-life and new electric vehicle batteries in a commercial building was made live. Amsterdam Alderman Udo Kock conducted the official opening ceremony. Developed by GIGA Storage, the project marks an important move to relieve pressure on the Dutch electricity grid and improve the city's capacity to store and distribute renewable. Vehicle-to-grid (V2G) technology has gone into use at Johan Cruyff Arena in Amsterdam, with energy infrastructure installed onsite including a 3MW battery energy storage system allowing visitors to both charge their cars at the stadium and put power back into it.



Article Content

The 3 megawatt energy storage system in Johan

The 3 megawatt storage system provides a more reliable and efficient energy supply and usage for the stadium, its visitors, neighbors and the Dutch energy grid.

Vehicle-to-grid energy storage goes into action at Amsterdam Arena

Vehicle-to-grid (V2G) technology has gone into use at Johan Cruyff Arena in Amsterdam, with energy infrastructure installed onsite including a 3MW battery energy storage system allowing ...

GIGA Storage launches Amsterdam's largest sustainable energy ...

GIGA Storage has officially launched its third large-scale energy storage project. The battery, called Giraffe, is located in Amsterdam's Western Port Area and, with a capacity of 10 ...

Port of Amsterdam welcomes GIGA Storage with the largest battery

It is currently the largest battery in Amsterdam and the first of this scale within the port area. The system allows temporary storage and release of electricity, helping to balance the national ...

Europe's largest energy storage system now live at the Johan Cruijff ...

Today the largest European energy storage system using second-life and new electric vehicle batteries in a commercial building was made live. Amsterdam Alderman Udo Kock conducted ...

Europe's largest energy storage system featuring Eaton, Nissan, The ...

Combining Eaton power conversion units and the equivalent of 148 Nissan LEAF batteries, the energy storage system not only enables a more sustainable energy system, it also creates a circular economy for electric vehicle batteries.

Vehicle-to-grid energy storage goes into action at ...

Vehicle-to-grid (V2G) technology has gone into use at Johan Cruyff Arena in Amsterdam, with energy infrastructure installed onsite including a 3MW ...

GIGA Storage launches Amsterdam's largest battery system

In Amsterdam's Western Port, the Giraffe battery system has officially come online. Developed by GIGA Storage, the project marks an important move to relieve pressure on the Dutch ...

Johan Cruijff ArenA

The 3-megawatt storage system provides a more reliable and efficient energy supply and use for the stadium, visitors, local residents and for the Dutch energy grid.

GIGA Storage Launches Amsterdam's Largest Energy Storage Project

Located in the Westhaven of Amsterdam, the new battery installation—named Giraffe—is the largest in the city, with a power capacity of 10 MW and an energy storage capacity of 47 MWh. ...

Port of Amsterdam inaugurates city's largest battery installation

Amsterdam, Netherlands (Ports Europe) October 21, 2025 - The Port of Amsterdam has officially inaugurated the GIGA Giraffe, the city's largest battery installation with a 10-megawatt capacity and ...

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