

Solar Storage Container Solutions

Independent energy storage project in Lyon France



Overview

What is the largest battery-based energy storage site in France?

Featuring 27 containers, each with a storage capacity of 2.5 MWh, it can maintain power for over 200,000 homes for one hour. With a total storage capacity of 61 MWh, this is the largest battery-based energy storage site in France. The battery-based ESS facility at the Carling platform came on stream in May 2022 and comprises 11 battery containers.

What is the largest European battery-based energy storage project?

In May 2023, we launched our largest European battery-based energy storage project at the Antwerp platform in Belgium. With its 40 containers, the site will develop a capacity of 75 MWh, which is equivalent to the daily consumption of almost 10,000 homes.

What is the Dunkirk battery energy storage system?

The Dunkirk Battery Energy Storage System is a 61,000kW lithium-ion battery energy storage project located in Dunkirk, Hauts-de-France, France. The rated storage capacity of the project is 61,000kWh. The electro-chemical battery storage project uses lithium-ion battery storage technology. The project will be commissioned in 2021.

How big is France's energy storage capacity?

Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. France had 90MW of capacity in 2022 and this is expected to rise to 359MW by 2030. Listed below are the five largest energy storage projects by capacity in France, according to GlobalData's power database.

What is total-Mardyck battery energy storage system (expansion)?

The Total-Mardyck Battery Energy Storage System (Expansion) is a 25,000kW lithium-ion battery energy storage project located in Mardyck, Dunkirk's port

district, Hauts-de-France, France. The rated storage capacity of the project is 25,000kWh. The electro-chemical battery storage project uses lithium-ion battery storage technology.

What is Amarenco-Claudia battery energy storage system?

The Amarenco-Claudia Battery Energy Storage System is a 105,000kW lithium-ion battery energy storage project located in Gironde, Nouvelle-Aquitaine, France. The rated storage capacity of the project is 98,000kWh. The electro-chemical battery storage project uses lithium-ion battery storage technology. The project will be commissioned in 2023.

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Eren and Acacia seal alliance for more than 500 MW of storage in France

5 days ago · Energy group Eren has formalised a strategic alliance with French company Acacia to develop a portfolio of Battery Energy Storage System (BESS) projects exceeding 500 ...

ARE ENERGY STORAGE PROJECTS LEGAL IN FRANCE

Progress of independent energy storage projects in France Close to 900MW of publicly announced battery storage projects will be online in continental France by the end of next year and ...



BayWa r.e. develops and constructs energy storage projects ...

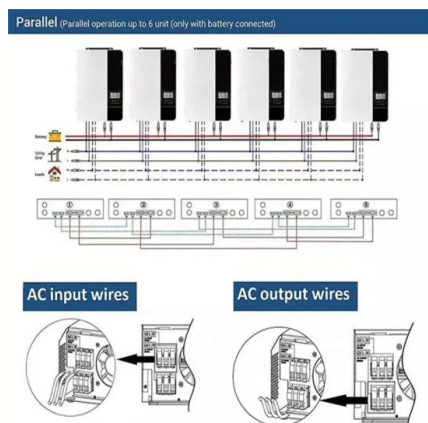
BayWa r.e. is an Independent Power Producer (IPP). Our activities include the planning, development and construction of wind, solar, and battery storage systems (BESS), their ...



Case Study: Smart Community Demonstration Project in ...

Dec 18, 2024 · In Lyon, France, there was a smart community demonstration conducted as a joint project with Japan from 2011 to 2016,

focusing on the construction of a future-oriented city ...



LYON CONFLUENCE - A SUSTAINABLE AND INNOVATIVE CITY

In La Confluence, new builds and eco-renovated homes are equipped with tablets for monitoring energy usage, contributing to a Community Energy Management System (CEMS) that ...

Lyon Group to build world's largest solar-plus ...

Mar 30, 2017 · Brisbane-based renewable energy investor Lyon Group will soon start building a AU\$1 billion (US\$767 million) solar-plus-storage farm in South ...



Energy Storage in France: Powering the Future with Innovation

Apr 11, 2021 · A country famous for croissants, romantic bridges, and enough nuclear reactors to power half of Europe. Now, France is adding a new item to its résumé - becoming a European ...

Harmony Energy powers up France's 'largest' battery storage project ...

Aug 18, 2025 · Harmony Energy has energised France's largest battery energy storage system (BESS), marking a major step in the country's renewable energy transition.



Envision Energy wins 120-MW battery contract in France

Jun 20, 2025 · Chinese green technology provider Envision Energy said today it will deliver a 120-MW/ 240-MWh battery energy storage project in France for renewable energy producer ...

Envision Energy Secures First Standalone Battery Storage Project ...

Jun 21, 2025 · Marking Envision's first independent battery storage project in France, the initiative builds on its expanding footprint in Europe and underscores its commitment to supporting grid ...



List of 3 large renewables EPC companies in France

Oct 11, 2023 · 3) Skyray: Lyon-based renewables EPC firm Situated in Lyon, Skyray SAS has become a key player in large renewables EPC in France. Their focus lies on solar energy ...

France's Imeon launches AI-powered home solar-plus-storage ...

Mar 26, 2025 · French solar-plus-storage business Imeon Energy has showcased its Neo smart, connected hybrid inverter with integrated storage at the BePositive trade show in Lyon. The

...



Lyon, JERA and Fluence announce collaboration agreement on battery

May 29, 2018 · The collaboration agreement involves one of the world's largest energy companies (JERA), battery storage technology company Fluence, and independent developer of

...

Energy Storage in France: Powering the Future with Innovation

Apr 11, 2021 · With ambitious climate goals and a growing renewable energy sector, energy storage France initiatives are reshaping how the nation keeps its lights on (and its baguettes ...



TagEnergy to build France's largest battery, ...

Dec 4, 2024 · TagEnergy will develop and manage the Cernay-lès-Reims project, which is scheduled for grid connection in late 2025. It will have a storage ...

Envision Energy enters French energy storage market as it is ...

...

Jun 20, 2025 · Envision Energy has been selected to deliver an engineering, procurement, and construction project for Kallista Energy in France. Project includes 120 megawatts of energy ...



Envision to deploy France BESS with AESC battery cells

Jun 23, 2025 · A render of the BESS project that Envision will deploy for Kallista. Image: Kallista Energy. Lithium-ion OEM Envision Energy will deploy a 120MW/240MWh BESS in France for ...

Top five energy storage projects in France

Sep 10, 2024 · Listed below are the five largest energy storage projects by capacity in France, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...



15 Top Energy Storage Companies in France · August 2025

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