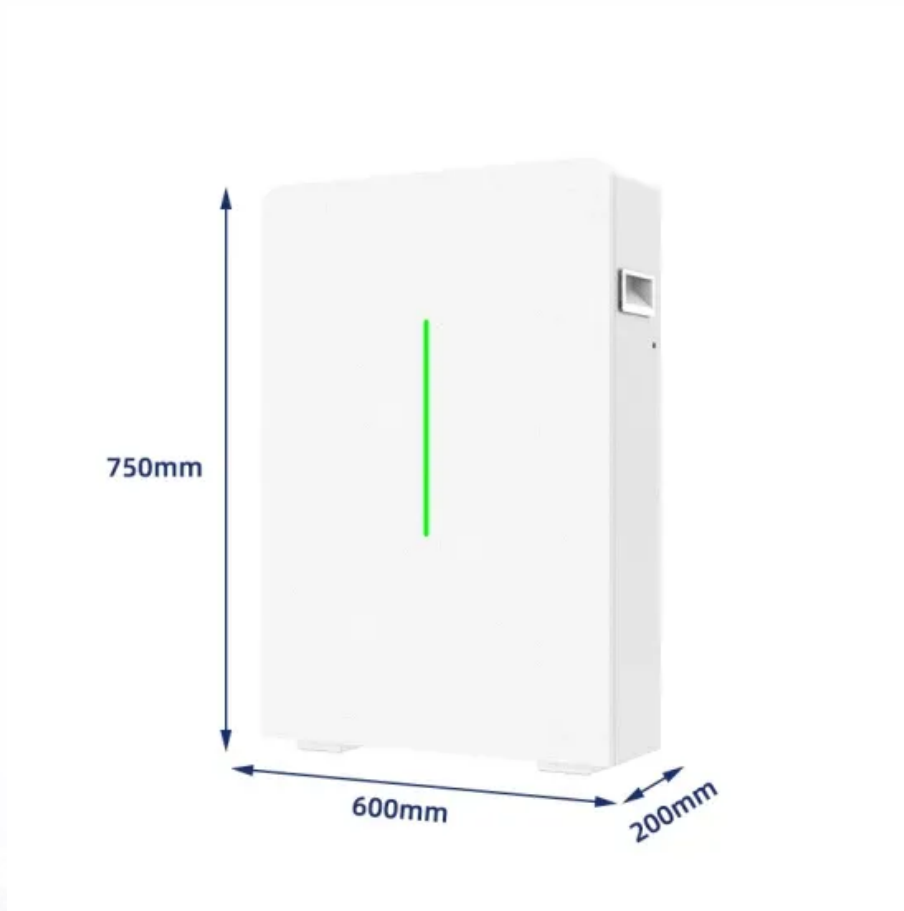


SolarInnovate Energy Solutions

Lithium battery energy storage in French data center



Overview

Who is delivering a battery energy storage system in France?

China's Envision Energy has been selected by Kallista Energy to deliver a 120 MW/240 MWh battery energy storage system (BESS) in Saleux, northern France. The project represents Envision's first independent storage contract in the French market and signals its continued European expansion.

What is the largest lithium-ion energy storage system in France?

With a storage capacity of 25 megawatt hours (MWh) and output of 25 MW of power, the new lithium-ion energy storage system will be the largest in France. It will be used to provide fast reserve services to support the stability of the French power grid.

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

Total launches a battery-based energy storage project in Mardyck, at the Flandres Center, in Dunkirk's port district. With a storage capacity of 25 megawatt hours (MWh) and output of 25 MW of power, the new lithium-ion energy storage system will be the largest in France.

Who provides lithium-ion battery energy storage?

The lithium-ion battery energy storage system used for the project was provided by battery and energy storage provider Saft, which Total owns. Engineering procurement and construction (EPC) duties including civil works and system integration services were provided by Omexom, which announced the project's completion in late January.

Where is a lithium-ion battery based energy storage system built?

It has been built at the site of a former oil refinery operated and owned by Total in Dunkirk, in northern France. The lithium-ion battery energy storage system used for the project was provided by battery and energy storage provider Saft, which Total owns.

Why is battery storage so important in France?

Traditionally these services would be provided by fossil fuel power plants but battery storage can respond much faster and without creating harmful pollution or emissions onsite. France is in Europe's common market for FCR along with five other countries, with daily auctions designed to keep the grid operating at 50Hz.

Lithium battery energy storage in French data center



TotalEnergies installs France's largest energy storage system

Aug 17, 2025 · TotalEnergies has deployed a Saft lithium-ion (Li-ion) battery energy storage system (ESS) at Dunkirk, Northern France in a frequency response project that will serve as a ...

What Are the Key Considerations for Data Center Battery Storage

Feb 22, 2025 · Data center battery storage ensures uninterrupted power during outages, using technologies like lithium-ion, lead-acid, and flow batteries. These systems support UPS ...



TotalEnergies launches the largest electricity storage site in France

1 day ago · Paris, December 21st, 2021 - TotalEnergies has launched the largest battery-based energy storage facility in France. Located at the Flandres center in Dunkirk, this site, which ...

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://institut3i.fr>