



# 15MWh Energy Storage Container for French Highways

How much battery capacity will France have in 2030?

Looking to 2030, France could exceed 4.7 GW of installed capacity, with both high-voltage and low-voltage buildout playing structural roles. France's battery operational fleet is growing and starting to shift to longer durations. At the end of Q3 2025, France had just over 1.32 GW of operational grid-scale batteries.

What is the largest ESS in France?

The 25 megawatt-hour (MWh) facility at Dunkirk is the largest ESS in France and is part of TotalEnergies' strategy to develop a portfolio of low-carbon electricity operations.

How many high energy containers did Saft supply?

Saft supplied 11 Intensium®; Max 20 High Energy containers, while Omexom delivered power conversion systems (PCSs), medium-voltage transformer, power management system (PMS), SCADA, civil works and cabling. Saft sized the ESS to provide the required power at any State of Charge (SOC) and throughout its operational lifetime.

How does TotalEnergies participate in the French 'frequency containment reserves' market?

As owner and operator of the ESS, TotalEnergies participates in the French "Frequency Containment Reserves" (FCR) market through its subsidiary TotalEnergies Flexible Power Solutions, who trades four-hour blocks of FCR on a day-ahead basis.

In a recent statement, Harmony Energy announced that it will implement the largest battery energy storage system in France. The Chevireux project, which will use advanced technology ...

The French government is actively supporting energy storage adoption through tax incentives, renewable energy subsidies, and carbon-reduction policies. These initiatives make it ...

France's grid-scale battery fleet is nearing 1.5 GW. Longer-duration utility-scale and distributed projects are shaping a trajectory reaching 5 GW by 2030.

By Benoît Thirion and Manon Morlane Battery storage deployment is accelerating rapidly in Europe while significant regulatory adjustments are underway in France and the EU, making this a ...

FRANCE Located in central France, our Roche-la-Molière facility is the global Center of Excellence for Energy Storage Systems with global responsibility for the development of our Power ...

What is a mobile solar PV container? High-efficiency Mobile Solar PV Container with foldable solar panels, advanced lithium battery storage (100-500kWh) and smart energy ...

Entech and Eiffage Energie Systèmes will build two battery energy storage systems in France with a combined capacity of 200 MW/400 MWh. The projects are scheduled for ...



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Battery storage developer Harmony Energy is set to deliver France's largest battery energy storage system --the Chevir's battery project - using Tesla Megapack technology.

The Future of Energy Storage and Sustainability This project marks a pivotal moment in France's commitment to sustainable energy. By using Tesla's advanced storage systems, France ...

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 model for other sites. ...

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