

Kongres Container

Swiss portable energy storage power supply company



Overview

Where is the largest battery storage system in Switzerland?

In Kappel, in the canton of Solothurn, one of the largest battery storage systems in Switzerland is currently under construction, with a total capacity of 65 megawatt-hours. The successful delivery of all system components marks a key milestone on the path to commissioning. Primeo Energie will use our storage system to provide energy flexibility.

Which energy storage projects have been commissioned in Switzerland?

Axpo commissioned its BESS in February this year while utility Thurplus commissioned a 3MW system in September last year. But Switzerland was the location for one of the largest energy storage projects commissioned in recent years, a 20GWh pumped hydro energy storage (PHES) unit which started operations in June 2022 in the Canton of Valais.

What is Swiss clean battery?

Swiss Clean Battery focuses on the stationary fields of application of “home storage” and “industrial buffer”, because the demand and contribution to solving problems in the energy transition is equally great here. An uninterrupted power supply, i.e. the balance between supply and demand, is essential for the power grid as a whole and for industry.

What is the market potential for stationary energy storage systems?

The market potential for stationary energy storage systems is enormous: according to current calculations, the demand for buffer storage systems is >100GWh (→ Source Fraunhofer). The battery itself is approx. 130x180x25mm in size and has a modular design. The cell design is prismatic and is surrounded by a stainless steel housing.

Is Bess being monetised in the Swiss electricity market?

It is being monetised in the Swiss electricity market by both CKW, part of

Axpo, and utility Alpiq, the announcement said. The BESS is part of a network of power plants, consumers and batteries, it added. The large-scale BESS market in Switzerland has been relatively quiet with renewable penetration on the country's grid still relatively low.

Why should you choose Swiss clean battery?

The high standardization of factory construction promotes economies of scale and rapid implementation, so that the total capacity of 7.6 gigawatt hours will be reached in just a few years. When building the factory and equipping it with the necessary production facilities, Swiss Clean Battery draws on established and renowned partners.

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