

What are Alfen's energy storage solutions?

Alfen's energy storage solutions are underpinned by two key products: TheBattery Elements and TheBattery Mobile. These products are tailor-made for different markets and applications but based on the same design principles to guarantee optimal performance, flexibility, modularity and longevity.

What is Alfen energy storage?

The additional integration of an Alfen energy storage system allows full mitigation of peak loads, allowing maximum output at each charging point, and storage, and optimal consumption of, locally generated renewable energy. Indien de overview is geactiveerd (boekenplank) komt deze tekst als omschrijving in beeld.

Does Alfen offer a smart charging station?

Alfen offers a comprehensive assortment of electric charging stations for home, work and the public domain. The smart charging stations are available in a wide range of charging capacities and functionalities.

Alfen is a Netherlands-based company active internationally in the energy storage and smart grid markets. Image: Alfen NV. Netherlands-based Alfen is deploying a two-hour-plus battery energy storage system (BESS) for Centrica Business Solutions in Belgium, the latter's first outside the UK. Alfen will provide its "TheBattery" BESS product ...

TheBattery Connect is Alfen Connect's module used as an energy management system for Alfen's energy storage solution, TheBattery. Clients are given access to TheBattery, wireless and via their own IT systems, for all storage ...

Alfen is building Finland's third largest electrical energy storage facility for EPV Energy's Teuva wind farm. When completed in spring 2023, the facility will support EPV Energy's renewable electricity strategy and enable several innovative applications like black start functionality. The facility will have 12MW of power and 12MWh of energy capacity.

Alfen delivered its 1 MW battery energy storage system "TheBattery" to Engie's power generation plant in Drogenbos (Brussels). This is the first battery based storage system in Belgium to provide grid stability since the grid operator opened its network for battery systems in May this year.

Alfen and Sermatec are deploying BESS projects in Sweden and Bulgaria, while terralyr has raised US\$83 million for its pipeline. ... System integrator Alfen will provide Ellevio, a distribution network operator (DNO) in Sweden, with two battery energy storage system (BESS) orders totalling 80MW/80MWh spread across two projects. This article ...

The powerful combination of Alfen's transformer stations, energy storage systems and charging stations

enables the company to strike an optimal balance between decentralised generation and consumption. read more Energy storage solutions. The energy network is becoming increasingly sustainable and more decentralised. ...

Almere, The Netherlands [22] February 2023 - Alfen, an energy solutions specialist at the heart of Europe's energy transition to limit climate change, and SemperPower, a leading player in the development of independent large-scale energy storage projects in The Netherlands, are excited to launch Project Pollux - the largest battery energy ...

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Alfen, listed on the Euronext Amsterdam stock exchange, today reported half-year total revenues of EUR90.3 million (US\$106.71 million) which it said was up 47% from the equivalent period last year, when it netted EUR61.6 million. It made an adjusted net profit of EUR5.3 million, which was an enormous 266% leap on H1 2019's EUR1.4 million of ...

Marco Roeleveld, CEO of Alfen, said: "The first quarter of 2023 was a remarkably strong quarter for our Energy storage systems and Smart grid solutions businesses. 2023 is really the breakthrough year for energy storage for Alfen: the market is expected to grow ~60% in MWh in Europe in utility & commercial storage (source: BNEF).

Contractors involved. Alfen is the technology provider for the project. Alfen is the system integrator. Additional information. Vattenfall has selected Alfen to deliver a battery energy storage system of 20 MWh in the university town Uppsala in Sweden. Alfen's scope consists of the delivery of an energy storage system of 20 MWh (5 MW) based on BMW car batteries, ...

Alfen has released a new line of battery storage modules with 360 kWh, 540 kWh, or 720 kWh of capacity. The fully integrated systems are developed for events, festivals, construction sites, maritime applications, and ...

Developer Key Capture Energy emailed Energy-Storage.news this week to say that the 20MW project has passed a Quality Assurance Inspection, a requirement needed to qualify for NYSERDA's Bulk Energy Storage Incentive Program.. According to Key Capture, this opens the path to "monetising millions" in state incentives for a project which was brought ...

Alfen, a Netherlands-based provider of electric vehicle (EV) charging, smart grid and energy storage solutions has reported a 526% increase in half-year revenues for its storage segment. The Euronext Amsterdam ...

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A roundup of news from Europe, with Alfen and Sermatec deploying BESS projects in Sweden and Bulgaria and new firm terralyr raising EUR77 million for project development and operation, starting in Germany. ... Construction has begun on a 30MW battery energy storage system (BESS) in Finland, developed by Glennmont Partners, local IPP Ilmatar ...

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