

Does Alfen have a mobile battery storage solution?

For those projects, Alfen is deploying its containerised BESS solution, TheBattery Elements, but the company also recently launched a new iteration of its mobile battery storage product called TheBatteryMobile, putting 720kWh of storage capacity into a 10ft container on wheels.

What is the Alfen 4th generation battery energy storage system?

It is Alfen's 4th generation mobile battery energy storage system which is even more versatile and flexible than the previous generations and can provide up to 70% more energy within the same form factor. It truly empowers your energy transition. Up to 720kWh of energy and 270kW of power packed in just a 10 feet ISO standard container.

Does Alfen have a Bess solution?

Alfen's containerised BESS solution, TheBattery Elements. Image: PRNewsfoto/Alfen B.V. 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.

How did Alfen perform in H1 2023?

Alfen netted total revenues of EUR223.9 million (US\$243.07 million) for H1 2023, which was a 9% increase year-on-year from H1 2022. While EV charging revenues declined 36%, and Smart Grid revenues rose by 20%, energy storage revenues leapt by over 500%, from EUR9.4 million in H1 2022, to EUR58.8 million in the first half of this year.

How do I embed my RTU in Alfen mobile X?

You can use your own embedded RTU and Modbus, the HMI touchscreen of the container, or Alfen's backoffice called TheBattery Connect. Choose whatever works best for you. To embed your RTU, TheBattery Mobile X has a dedicated reserved area where your hardware can be installed.

What is Alfen's first project?

ER: Alfen's first project, in 2011, was with Enexis, helping them to realise a neighbourhood battery. After that we started to combine battery storage with solar and wind energy. Our solution was a lithium battery with inverter, with a capacity of something like 30kW, for storing and discharging electricity.

De visie van Alfen is een verbonden, slim en duurzaam energiesysteem voor toekomstige generaties. Om dit te bereiken, is het de missie van Alfen om de energietransitie aan te zetten door hoogwaardige energieoplossingen te ontwikkelen, produceren, integreren en te verbinden die innovatief, betrouwbaar en slim zijn.

TheBattery Connect is de module van Alfen Connect die wordt gebruikt als energiemanagementsysteem voor

de energieopslagoplossing van Alfen, TheBattery. Klanten krijgen toegang tot TheBattery, draadloos en via hun eigen IT-systemen, voor alle opslagtoepassingen: handel, frequentiecontrole, peak shaving en autonome netten.

TheBattery Mobile firmy Alfen to innowacyjny i niezawodny, wielofunkcyjny mobilny system magazynowania energii. TheBattery Mobile X, produkt stworzony dzięki ponad 5-letniemu okresowi zbierania doświadczeń i doskonalenia, to najnowsze i najlepsze rozwiązanie Alfen, które jest w stanie niezawodnie dostarczać moc i energię potrzebną podczas eventów, na placach ...

2021 marks the 10th year since Alfen's first foray into battery storage solutions. What better way to mark the first decade than by getting those responsible for the technical and commercial development and delivery of the product to tell us a ...

TheBattery équilibre l'offre et la demande d'énergie et vite des investissements majeurs dans les infrastructures du réseau électrique. L'énergie autoproduite peut être vendue aux moments les plus rentables et des réseaux électriques autonomes basés sur de l'énergie solaire ou éolienne peuvent être mis en place.

"TheBattery" bilansuje podaż i popyt na energię, a tym samym pomaga unikać powolnych inwestycji infrastrukturalnych w sieć elektryczną. Wytworzone we własnym zakresie energię można sprzedawać w najbardziej opłacalnych momentach, umożliwiając rozwój autonomicznych sieci elektrycznych opartych na energii słonecznej lub wiatrowej.

Alfen's TheBattery Mobile is an innovative and reliable multi-functional mobile energy storage system. Based on more than 5 years of experience and product maturation, TheBattery Mobile X is Alfen's latest and best solution capable of ...

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TheBattery gleicht Angebot und Nachfrage im Energiebereich aus und hilft so, große Infrastrukturinvestitionen in das Stromnetz zu vermeiden. Selbst erzeugte Energie kann zu den profitabelsten Zeiten verkauft werden, und autonome Stromnetze auf der Basis von Solar- oder Windenergie werden möglich.

The system can be used for every conceivable application such as grid services or energy trading. Alfen offers an end-to-end solution including local grid embedding and network integration. Alfen almost always provides network integration via TheBattery Connect solution and through embedding in the local management system.

Drawing on over five years of expertise in mobile battery storage backed by more than 85 years of innovation in the electricity grid, Alfen has developed a solution that meets the growing demand for temporary clean

power supply across a ...

TheBattery Connect is de module van Alfen Connect die wordt gebruikt als energiemanagementsysteem voor de energieopslagoplossing van Alfen, TheBattery. Dit platform integreert de elementen van een lokale infrastructuur met zonnepanelen, windturbines, stroomopslag, netverbindingen en meer.

Alfen, ein Spezialist für innovative Energiespeicherlösungen in ganz Europa, stellt heute sein mobiles Batterie-Energiespeichersystem der 4. Generation vor: TheBattery Mobile X174;. Es bietet bis zu 70 % mehr Energie (bis zu 720 kWh) und verbesserte Sicherheitsfunktionen im gleichen 10-Fuß-Behälter, um der steigenden Nachfrage nach temporärer sauberer Stromversorgung gerecht ...

Dutch solar park developer Solarfields premiered its Zonnepark Bontepolder facility in early 2023 with nearly 32,000 solar panels, accompanied by Alfen's battery storage technology to capture and distribute the carbon-free power they generate.

Greener Power Solutions bekräftigt sein Vertrauen in die intelligenten und nachhaltigen Energiespeicherlösungen von Alfen mit einer neuen Bestellung von TheBattery Mobile. Der niederländische Anbieter von temporärer grüner Energie für On- und Off-Grid-Projekte erweitert seine mobile Batterieflotte um neue mobile Energiespeichersysteme von Alfen.

Shell and Alfen have blended sustainable power technologies from their portfolios to demonstrate how the electric vehicle (EV) driving experience can be taken to the next level at service stations across the Netherlands. The companies joined forces on a pilot project featuring battery storage, EV charging stations and supporting solutions that ...

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