



Battery energy storage solution 550 kWh

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The time to take full control of your energy is now with Battery Energy Storage System AmpiFARM(TM). Intelligent controls; temperature, efficiencies, lifetime, automated balancing, safety, and power delivery management. Ampowr's Battery Energy Storage Systems are designed to meet the most demanding applications and to face all kinds of adverse conditions.

Peak saving

? Maximizing the performance and efficiency of BESS? Advanced analytics and control features, combined with its advanced safety measures? Optimize energy storage and management capabilities

The EMS (Energy Management System) of Ampowr is built in-house in The Netherlands, and offers several advantages for Battery Energy Storage Systems (BESS). This advanced system is designed to optimize the performance of BESS by efficiently managing energy flow, monitoring battery health, and ensuring overall system reliability.

One of the key benefits of Ampowr's EMS system is its ability to provide real-time data analytics and control, which helps to ensure maximum energy efficiency and cost savings. The system can analyze energy usage patterns and make adjustments in real-time to optimize the energy storage and release process, ensuring that the BESS is always operating at peak performance.

In addition, Ampowr's EMS system is designed with advanced safety features to prevent battery damage and ensure system reliability. The system continuously monitors battery health and temperature, and can automatically adjust energy flow to prevent overcharging or overheating.

Ampowr has installed The Netherlands' first 1.32MWh AmpiFARM(TM) (Smart Energy Storage System), powering the entire distribution and cold storage center of grocery store retailer Coop Supermarkten. The Smart Energy Storage System works in combination with the grid and 2,700 solar panels. The system's power is equivalent to the daily energy consumption of 500 households.

“Let’s work together to find the perfect solution for your unique needs – I’m here to answer any questions and provide a personalized quote.”

Built for rapid deployment, our 500 kW capacity batteries are a fast way to increase your efficiency, on or off the grid. Packaged with everything you need - from fire protection to HVAC - they're an effective way to store and reuse energy, increasing your flexibility while reducing fuel consumption. Whether you're dealing with variable loads, consumption that outpaces the grid, or noise issues with generators, these 500-kilowatt units can help.



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We deliver reliable and scalable energy storage systems tailored to projects of any size. Our solutions maximize efficiency, cut emissions, and lower costs. Whether you need temporary backup or a long-term energy strategy, we provide flexible, modular systems that adapt to your specific needs without the need for large capital investments. Trust us to keep your energy operations running smoothly with our advanced technology.

Contact us for free full report

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