

Stockholm energy storage applications

As the global demand for renewable energy continues to increase, Sweden, as the Nordic energy pioneer, is actively promoting the development of its energy storage market and has experienced rapid growth.

With superior energy storage technology and innovation, many energy storage companies in Sweden continue to innovate in this market, driving technological progress. This article will introduce the top 10 energy storage companies in Sweden and explore their technological advantages and marketing strategies. You can also check [top 10 energy storage manufacturers in Italy](#); [top 10 energy storage manufacturers in Mexico](#); [top 10 energy storage manufacturers in Spain](#); [top 10 energy storage companies in Europe](#).

Company profile:Northvolt, as one of the top 10 energy storage companies in Sweden, founded in 2015 by former Tesla executives, is a Swedish battery manufacturer specializing in lithium-ion technology for electric vehicles and energy storage. It began producing batteries in 2021 at its factory in Skellefteå, Sweden, and has since expanded with plans for additional gigafactories in Europe and North America.

The company focuses on sustainable energy storage, raising \$1.2 billion in 2023 to support its growth. Northvolt also launched sodium-ion batteries for cost-effective energy storage and has partnerships with companies like Scania and Volvo to advance green battery solutions.

Company profile:Polarium, founded in 2015, is a global leader in energy storage, specializing in lithium-ion battery technology for telecom, commercial, industrial, and residential sectors. With a mission to drive the sustainable energy transition, Polarium's solutions optimize renewable energy storage by making it dispatchable, supporting electrification and intermittent power supply.

Headquartered in Stockholm, with production in Sweden, South Africa, and Vietnam, Polarium serves customers worldwide, with over 440,000 installed batteries across 70 countries. Its modular, cutting-edge technology ensures adaptability and efficiency in maximizing solar and wind energy potential for a more sustainable future.

Company profile:Elektromatik specializes in emergency power supply and energy storage solutions, prioritizing sustainability, quality, and reliability. Serving the Nordic region, it supports critical sectors like data centers, hospitals, and energy companies, managing everything from design and production to support and service.

Originally founded in 1973 as Mekanomatik with the backing of Stockholm entrepreneur Jerzy Cederbaum, Elektromatik now operates from Årnsjö and Halmstad as part of BOS Power.

Company profile:Ingrid Capacity, founded in 2022 and based in Sweden, is a leading energy tech company



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specializing in flexible assets and energy storage across Europe. The company is rapidly expanding, aiming to deploy 400 MW of storage capacity at over 20 sites by 2024, with a development pipeline of approximately 7 GW across regions like Finland, Germany, and Ukraine.

Ingrid Capacity has partnered with Locus Energy to install 196 MW of battery storage across 13 sites in southern Sweden, with plans to reach 8 GW of storage capacity in Europe by 2030. This partnership builds on previous projects totaling 211 MW, solidifying Ingrid's role in transforming Europe's energy storage landscape.

Company profile: Flower Technologies, founded in 2020 and based in Stockholm, focuses on renewable energy, offering solutions in energy storage, solar, wind, and demand response. Using advanced forecasting, optimization, and trading software, Flower helps stabilize the energy grid while creating additional revenue for asset owners in the renewable energy industry.

The company is rapidly becoming a leader in grid-scale Battery Energy Storage Systems (BESS) across Europe, partnering with grid owners to enhance grid resilience. Flower's innovative approach combines cutting-edge technology with flexible assets, enabling a cleaner and more reliable energy system for the future.

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