



Enapter

CORPORATE NEWS

Enapter AG expands product range and increases efficiency of hydrogen production by using batteries as an additional component

- **Battery technology comes from Chinese partner Wolong**
- **Energy management system from Enapter controls the interaction of components**
- **Online roundtable on March 19, 2025 at 2:00 p.m.**

Hamburg, March 12, 2025 - Enapter AG (ISIN: DE000A255G02) is expanding its product range and is now offering supporting battery solutions from its joint venture partner Wolong under the Enapter brand in addition to its own multicore electrolyzers. Lithium-ion batteries from the Chinese partner Zhejiang Wolong Energy Storage System Co., Ltd. with a capacity from 150 KW up to several megawatts are used. The entire system is controlled by Enapter's energy management system, which includes the energy-generating system as well as the battery components and the electrolyzer. This enables companies to make even better use of the high potential of renewable energies, reduce production and storage costs for green energy and maximize output in the production of hydrogen.

The combination of battery technology and hydrogen production increases the continuous stability of the energy supply and makes conscious use of energy peaks. As the battery releases or absorbs energy as required, the electrolyzer can be operated more efficiently overall under optimized conditions. In addition, the batteries ensure load balancing by storing excess energy from renewable energy sources (such as solar and wind energy) at peak times and then using this energy as required to operate the electrolyzer with a time delay when energy production is low but demand is high. This means that off-peak times can also be used for hydrogen production that cannot actually be supplied with energy from fluctuating energy sources.

Dr. Jürgen Laakmann, CEO of Enapter: "With the possibility of using our electrolyzer in combination with batteries, we are creating the best of both worlds: Constant green hydrogen production even when renewable energy sources are not available. By storing electricity in the batteries, the running time of the systems is significantly extended and costs are reduced. Our innovative energy management system ensures the perfect balance and the right interaction between electrolyzer and battery."

Online roundtable on March 19, 2025

Enapter invites investors and media representatives to an online roundtable in German with CEO Dr. Jürgen Laakmann and CFO Gerrit Kaufhold on March 19, 2025 at 2:00 pm. The CEO will report on current developments and explain the advantages of the overall system consisting of electrolyzer and battery. Afterwards, Dr. Laakmann and Mr. Kaufhold will be available to answer your questions. To take part in the round table, which is of course free of charge, please register at the following link: <https://research-hub.de/events/registration/2025-03-19-14-00/H2O-GR>.

About Enapter

Enapter is the market leader in the field of AEM electrolyzer - innovative devices that produce green hydrogen. The company's patented and proven anion exchange membrane (AEM) technology

eliminates the need for expensive and rare raw materials such as iridium and enables maximum yield from fluctuating renewable energies such as solar and wind and thus highly efficient production of green hydrogen thanks to a unique modular design. Thousands of Enapter AEM electrolyzers are already in use at around 360 customers in more than 55 countries in the fields of energy storage, industrial applications, refueling, power-to-X and research. The Enapter Group is headquartered in Germany and has a research and production site in Italy.

Enapter AG (H2O) is listed on the regulated market of the Frankfurt and Hamburg stock exchanges, ISIN: DE000A255G02.

Further information:

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