

How can battolyser achieve the lowest power cost?

Battolyser can achieve the lowest power cost, thanks to its high efficiency and ability to arbitrage between selling power and producing hydrogen. Battolyser has the unique capacity to produce 100% green hydrogen, instantly following local intermittent renewable energy sources. It is the solution to move towards a net zero energy system.

Who is battolyser systems?

Battolyser Systems is an innovative electrolyser producer enabling 100% green hydrogen at lowest LCOH. Today green hydrogen projects are often locked and very limited project FID are taken. We deliver new ways to significantly reduce LCOH and realize viable business cases, hence unlocking projects that can deliver 100% green hydrogen.

Why should you choose a battolyser?

Only a Battolyser can offer the lowest cost and 100% green hydrogen. Invest in technologies that can meet the scale of the energy transition all the way to net zero. Battolyser is now available to support achieving this goal.

What are battolyser electrodes?

Battolyser electrodes are proven in nickel-iron batteries that have been in operation for over 40 years and the stacks can be easily recycled at end of life. Battolyser Systems' technology is a platform technology that due to its flexibility and battery capacity can enable lowest cost green hydrogen for a wide array of applications and use cases.

How can battolyser systems help the EU achieve its goals?

Battolyser Systems can be a major accelerator for the EU to reach its goals on climate, industry, strategic autonomy and economic growth. We enable greater strategic autonomy and resilience. We build manufacturing capacity of a critical net-zero technologies on European soil, with a European dominant supply chain.

Is battolyser safe?

Battolyser is intrinsically safe in any operational mode, even at low and rapidly changing loads. Its patented Nickel-Iron technology is inherently robust and has industry leading efficiency and durability. Battolyser Systems can be a major accelerator for the EU to reach its goals on climate, industry, strategic autonomy and economic growth.

Battolyser Systems enables the production of the lowest cost hydrogen and is also the most sustainable solution, using fully recyclable materials, minimizing energy losses and maximizing the use of renewable energy.

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The use of battery has become increasingly mature for frequency control. Recently, battolyser as a brand-new technology that combines the functions of battery and electrolyser, shows higher technical and economic potential ...

Battolyser Systems has raised \$79.8M. Who are Battolyser Systems's investors? Global Cleantech Capital, Innovation Industries (Amsterdam), Invest-NL (Investment Company), Koolen Industries, and Wadden Fund are 5 of 9 investors who have invested in Battolyser Systems.

Battolyser Systems is an innovative company dedicated to advancing the energy sector towards a net-zero future. The company's mission is rooted in integrating renewable energy sources sustainably while ensuring a secure energy supply and adhering to sustainable material use.

