

## Solar Energy South Africa

# Jordan battolyser systems



## Overview

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What is battolyser ®?

The patented technology produces a highly efficient electrolyser that can also store and supply power like a battery. The system has the flexibility to follow the most volatile power markets, is scalable and made from only abundant and recyclable materials. All in all, Battolyser ® offers the lowest cost and only true green hydrogen.

Where is battolyser Systems headquartered?

Battolyser Systems is headquartered in Schiedam, Netherlands. What is the size of Battolyser Systems?

Battolyser Systems has 108 total employees. What industry is Battolyser Systems in?

Battolyser Systems's primary industry is Other Energy. Is Battolyser Systems a private or public company?

Battolyser Systems is a Private company.

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.

What can battolyser systems do for You?

Typically, Battolyser Systems can deliver solutions that add value in on and off-grid applications as well as in flexible and base load hydrogen offtake applications. Battolyser Systems has taken a groundbreaking step by developing the world's first integrated battery electrolyser system, known as

the Battolyser®.

Who is the CEO of battolyser systems?

Mattijs Slee is the CEO of Battolyser Systems. Where is Battolyser Systems headquartered?

Battolyser Systems is headquartered in Schiedam, Netherlands. What is the size of Battolyser Systems?

Battolyser Systems has 108 total employees.

How much money does battolyser systems make?

The current revenue for Battolyser Systems is 000000. How much funding has Battolyser Systems raised over time?

Battolyser Systems has raised \$46.6M. Who are Battolyser Systems's investors?

## Jordan battolyser systems

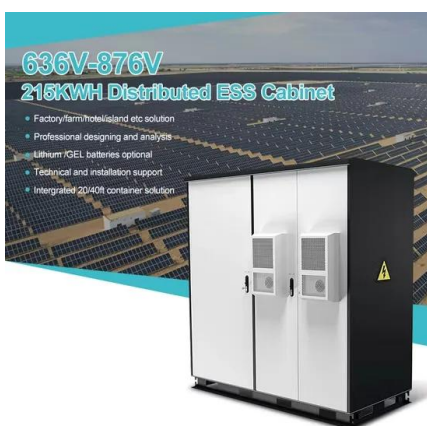
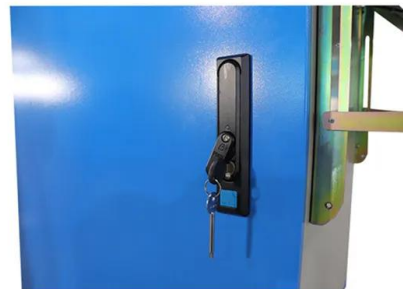


### [News JTF award -- BATTOLYSER SYSTEMS](#)

Battolyser Systems has officially received a EUR2M subsidy from the European Commission (Just Transition Fund). This subsidy is managed by Kansen voor West and the province of Zuid-Holland. Photo credits go to Rick Wink Photography. Deputy Jeannette Baljeu: "Innovation in the port is incredibly important. I am therefore very pleased with

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### **Rotterdam gets manufacturing industry for hydrogen**

The system produces hydrogen when there is plenty of wind and solar energy available and supply energy back to the electricity network when there is a shortage of wind and solar energy. In 2026, the Nederlandse Waterstof Delta will realise an annual production capacity of 1 GW in Battolysers® in the Merwe-Vierhaven area (M4H).

### **Enhanced 3D electrode design**

## stores electricity four times faster ...

Professor Fokko Mulder conceived the Battolyser concept in 2013, which later evolved into a spin-off in 2018 and entered the market in 2021 as Battolyser Systems. Thanks to the innovative 3D electrode design, the Battolyser can now store twice the amount of electricity and does so up to four times faster than before.



## EUR40 Million EIB Funding Boosts -- BATTOLYSER SYSTEMS

Battolyser Systems was subsequently founded in 2018 as a spin-out from the university and set for growth in 2020 following investment by Koolen Industries. CEO Mattijs Slee was appointed as the first employee in 2021. Innovation Industries and Global Cleantech Capital recently invested in the company, which now has approximately 75 team members

## Careers

Battolyser Systems is an innovative electrolyser producer enabling 100% green hydrogen at lowest LCOH. The Battolyser® is the world's first electrolyser that can instantly switch on and off following intermittent renewable energy production. It unlocks the full power of renewable energies getting us to net zero faster and more affordably.



## Battolyser Systems closes a EUR30 million Series A funding round

Battolyser Systems, the manufacturer of the



## Battolyser Systems

Dat zoekt Battolyser Systems de komende tijd uit, mede dankzij de SES-subsidie die het bedrijf medio 2022 heeft ontvangen. Battolyser Systems. De technologie achter de Battolyser is in 2014 door professor Fokko Mulder uitgevonden. De nikkelijzerbatterij, uitgevonden door Edison, bleek een interessante kans voor de energietransitie.



## **Rotterdam plans 1 GW fab to make battery-powered electrolyzers**

3 ???· Battolyser Systems' (BLS) product is a patented dual-purpose electrolyzer with a battery function. By The Battolyser is offered as a 2.5 MW, "plug-and-play" product and in 5 ...

world's only electrolyzer with battery functionality that enables the lowest cost green hydrogen, has raised EUR30 million in Series A funding from Global Cleantech Capital, Innovation Industries, and Invest-NL. The company will use the funding to scale its operations and bring to market its next-generation electrolyzer in 2025. The Battolyser



<https://www.battolyser.com/?q=4000>

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## [Battolyser Systems](#)

Battolyser Systems, een batterij-/waterstof spin-off van de TU Delft, is klaar om haar gepatenteerde technologie voor massaproductie op de markt te commercialiseren. Nieuwe CEO van het bedrijf is op zoek naar een team van technisch en algemeen personeel om de groei te versnellen. "De Battolyser-technologie is klaar, klanten zijn al aangemeld en de ...

## [Battolyser Systems](#)

Battolyser Systems, 10,747 followers on LinkedIn. Imagine.. Always Clean Energy, We develop and manufacture an integrated battery and electrolyser called 'Battolyser' that can store electricity and produce hydrogen from renewable power to balance societal demand. Get in touch if you want to contribute to the energy transition and you have relevant skills, are motivated and want ...



## [News New facility -- BATTOLYSER SYSTEMS](#)

Battolyser Systems takes important next step to increase production capacity. Schiedam, 2 March 2023. This week we have received the keys to our new Battolyser® facility in Schiedam. With over 7,000m<sup>2</sup>, this location can accommodate all our activities and provide space for further growth. These premises will house our production activities and

## **Dutch startup Battolyser Systems raises EUR30M**

Battolyser Systems was the first Dutch climate tech scale-up investment of the EIB. The recent

funding rounds will contribute to the financing of Battolyser Systems' large-scale manufacturing facility to meet commercial demand and will be located in the Rotterdam port area, the hydrogen epicenter of Europe.



## [Battolyser Systems](#)

Battolyser Systems. Research Themes: Energy, chemistry, bio- & process technology. TRL status; Description TRL; A TRL is a measure to indicate the maturity of a developing technology. When an innovative idea is discovered it is often not directly suitable for application. Usually such novel idea is subjected to further experimentation

## **Battolyser Systems, een batterij/waterstof spin-off van de TU ...**

Battolyser Systems, een batterij/waterstof spin-off van de TU Delft, is klaar om zijn gepatenteerde technologie op de markt te brengen voor massaproductie. De nieuw aangestelde CEO van het bedrijf is op zoek naar een team van technisch en algemeen personeel om verder te groeien. "De Battolyser-technologie is klaar voor de commerciële



## **Battolyser Systems , Geïntegreerd batterij en elektrolyse systeem**

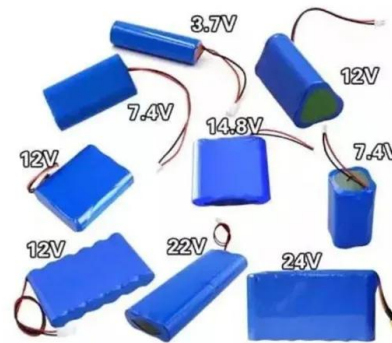
Battolyser Systems zet grote stappen met een



nieuw type energieopslagoplossing voor twee doeleinden. Dit doen ze met de Battolyser(R). Een efficiënte, robuuste elektrolyser die ook met fluctuerende energiebronnen kan werken. Daarmee brengen ze energieopslag en de productie van waterstof samen in één flexibel, gepatenteerd systeem.

## News BLS goes commercial -- BATTOLYSER SYSTEMS

"The Battolyser® device is an entirely new product category that can unlock business models and accelerate the energy transition through deployments at scale." About Battolyser Systems. Battolyser Systems is a Delft University of ...



## Battolyser Systems Revolutionizes Renewable Energy

Battolyser Systems offers three models: the Battolyser® 250A, which is currently available, and the Battolyser® 500 and Battolyser® 1000, which will be available in 2025 and 2026, respectively. The Battolyser® 250A is a 1 ...

## ???????!Battolyser Systems????????4000?? ...

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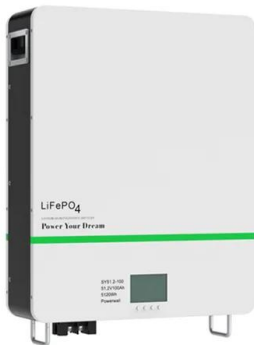


## Battolyser Systems closes a EUR30 million Series A funding round

Battolyser Systems was the first Dutch climate tech scale-up investment of the EIB. The Series A and EIB funding will significantly contribute to the financing of Battolyser Systems' large-scale manufacturing facility to meet commercial demand, and will be located in the Rotterdam port area, the hydrogen epicentre of Europe.

## Le Battolyser, une innovation néerlandaise pour une ...

Selon Mattijs Slee, PDG de Battolyser Systems, « la transition énergétique doit être rapide, car elle est fondamentale pour le réchauffement climatique, et doit être abordable. Je pense que nous pouvons concilier les ... »



## [Projects -- BATTOLYSER SYSTEMS](#)

At Battolyser Systems, we deliver exceptional value to our customers by deploying the Battolyser® technology in the best manner possible. We take a collaborative approach to project scoping, working closely with our customers. ...

## Battolyser Systems gaat commercieel met nieuwe CEO en ...

Battolyser Systems, een batterij/waterstof spin-off van de TU Delft, is klaar om zijn gepatenteerde technologie op de markt te brengen voor massaproductie nieuw aangestelde

CEO Mattijs Slee is op zoek naar een team van technisch en algemeen personeel om verder te groeien. "De Battolyser-technologie is klaar voor de commerciële opschaling, ...



## Battolyser Systems

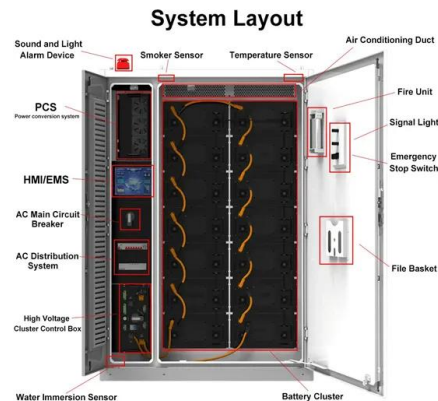
Battolyser Systems aims to stimulate the development, production, and commercialization of battolyser technology and is looking for skilled and highly motivated people to join the team. The Company was founded in 2018 by dr. prof Fokko Mulder (Technical University of Delft) together with Kees Koolen (former CEO of Booking and former COO of



## Numerical study of H<sub>2</sub>-fuelled micro-free piston CHP system,

...

The introduction of the battolyser system showed that H<sub>2</sub> feed to the CHP system can be produced when solar or wind is available. With the battolyser system, the generated electricity from renewable energy systems can be stored and used to operate the integrated low-temperature electrolysis of H<sub>2</sub>O to produce H<sub>2</sub> fuel for the cogeneration system.



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