

Who is elestor BV?

Elestor BV is a young, fast growing company, active in the development of industrial size storage systems for electricity, based on the hydrogen bromine flow battery principle.

Who founded elestor?

Elestor was founded in 2014 by Wiebrand Kout, an experienced scientist. Kout was convinced that he could invent a technological solution to one of society's greatest challenges, namely climate change. The following year, he was joined by physics graduate and seasoned businessman Guido Dalessi.

What makes elestor unique?

With its unique system design, Elestor has matured flow battery technology into a robust and highly scalable product, featuring storage costs per kWh far beyond what is achieved by existing storage technologies.

Is elestor a good solution for energy transition?

With its unique system design, Elestor has matured flow battery technology into a robust and highly scalable product, featuring storage costs per kWh far beyond what is achieved with existing storage technologies. As such, the introduction of Elestor's storage concept will be an important accelerator for the energy transition.

What makes elestor a cutting edge technology company?

"As a cutting edge technology company, we invest significant resources in research and development in order to ensure we remain ahead of rivals in the clean energy storage sphere," said Guido Dalessi, CEO, Elestor.

How does elestor storage work?

The heart of all Elestor's storage systems is the cell stack. This stack consists of a number of individual electrochemical cells, as shown above, connected in series. Each membrane in this stack is in contact with the electrolyte circuit, an aqueous solution of hydrogen bromide (HBr) and diatomic bromine (Br₂), on one side.

Elestor has introduced an innovative electricity storage technology for large scale stationary applications, based on the flow battery principle. With this, the electricity storage costs (LCoS) are reduced to an absolute minimum.

Elestor BV is a supplier of large scale stationary, industrial electricity storage systems, based on the Hydrogen Bromine Flow Battery principle. With a worldwide patented design, Elestor introduces a highly scalable product, featuring storage costs per kWh (LCoS) far beyond what is achieved with conventional technologies.

We conduct rigorous and ongoing life cycle analysis to evaluate and minimize the environmental footprint of our flow battery technology. Elestor continuously comes up with solutions that help reduce resource consumption, emissions and waste. This improves the sustainability of our products and contributes to a

cleaner, greener future.

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