

JenaBatteries" website claims the startup has made available a scalable redox flow battery for energy storage which goes from 100kW to 2MW power and 400kWh to 10MWh capacity ratings based on a saline solution, in which different organic storage materials form the anode and cathode.

Entdecken Sie die skalierbaren und nachhaltigen Energiespeicherlösungen von Jena Flow Batteries. Unsere metallfreien Batterien und OEM-Komponenten bieten flexible Lösungen für industrielle Anwendungen, individuell anpassbar an Ihre spezifischen Anforderungen.

Jena Flow Batteries GmbH is an innovative company specializing in the development and sales of metal-free flow battery systems. Our state-of-the-art energy storage solutions can be integrated seamlessly into the infrastructure of renewables such as photovoltaic and wind power plants.

With their metal-free redox flow batteries, RFB for short, the Jena-based company JenaBatteries GmbH has developed a more eco-friendly and secure alternative to lithium batteries, and thus makes its own contribution to the energy revolution. The batteries allow for new business models and more profitable services in the energy sector.

free redox flow battery, JenaBatteries has developed a sustainable, safe and scalable storage solution that offers an alternative to conventional lithium-ion batteries and other metal-containing batteries.

A call to flow battery experts - join FBE in representing interests of flow battery research in Batteries Europe. 09 October 2023: In January 2023, FBE joined Batteries Europe, a European Technology & Innovation Platform dedicated to advancing Research and ...

JenaBatteries, which has developed this technology based on a so-called redox flow battery (RFB) with organic materials, thus has the world's first commercially available technology of this kind. Two liquid organic electrolytes separated by a membrane and stored in separate tanks store the current.

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