

Salgenx Unveils Revolutionary Zinc Saltwater 48V Hybrid Flow Battery

Salgenx Unveils Revolutionary Zinc Saltwater 48V Hybrid Flow Battery which can run Self-Contained or as part of a Larger Flow Battery System

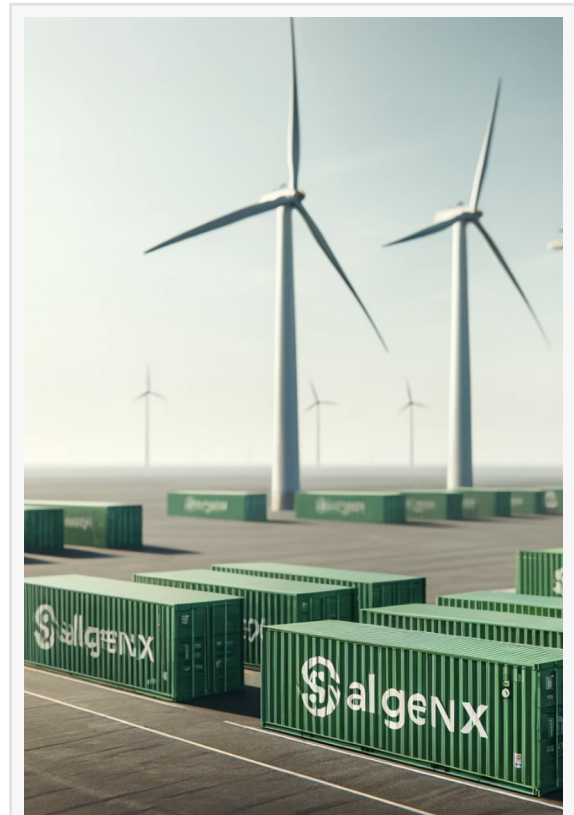
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/EINPresswire.com/ -- [Salgenx](#) is proud to announce the development of its innovative Zinc Saltwater 48V Hybrid Flow Battery, setting a new standard in energy storage solutions. Designed for versatility and efficiency, this advanced battery system promises higher energy density and compact design, making it an ideal choice for a wide range of applications.

Key Features of the Salgenx Zinc Saltwater 48V Hybrid Flow Battery:

- Higher Energy Density: Maximizes storage capacity within a compact form factor, providing robust energy solutions for various uses.
- Compact Self-Contained System: Streamlined design measuring 2 x 2 x 4 feet (610 mm x 610 mm x 1,220 mm) allows for easy integration and installation in various settings.
- Versatile Operation: Can function independently as a self-contained unit or be integrated into larger systems with separate flow liquid storage tanks.
- 48V 24 Segmented System: Ensures reliable performance and scalability to meet different energy demands.
- Dual Circulation Pumps: Equipped with magnetic drives, enhancing efficiency and reliability in energy transfer processes.
- Broad Applicability: Ideal for larger stationary storage solutions, remote communications stations, train systems, and displacement marine vessels.

Technical Specifications:



Salgenx Wind Power Saltwater Zinc Hybrid Energy Storage

- Dimensions: 2 x 2 x 4 feet (610 mm x 610 mm x 1,220 mm)
- Rack Mounting Options: Flexible mounting solutions with optional Battery Management System (BMS) and inverter integration.
- 48 V
- 661 lbs (300 kg)

The Salgenx Zinc Saltwater 48V Hybrid Flow Battery represents a significant advancement in energy storage technology, offering a compact, efficient, and versatile solution for modern energy needs. Whether for industrial, transportation, or remote applications, this battery system is engineered to deliver consistent and dependable performance.

Note: Unlike our standard Salgenx systems, these compact Zinc systems cannot be used for in-situ desalination, graphene production, or TES (thermal energy storage) applications. These hybrid systems are for higher efficiency electrical energy storage only.

About Salgenx (a division of [Infinity Turbine](#) LLC)

Salgenx is at the forefront of developing innovative, sustainable energy storage solutions. Saltwater batteries provide a safe, non-toxic, and cost-effective alternative to traditional lithium-based energy storage systems. Committed to advancing green technology, Salgenx continues to explore and develop cutting-edge renewable materials and methods to meet the growing global demand for renewable energy storage.

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