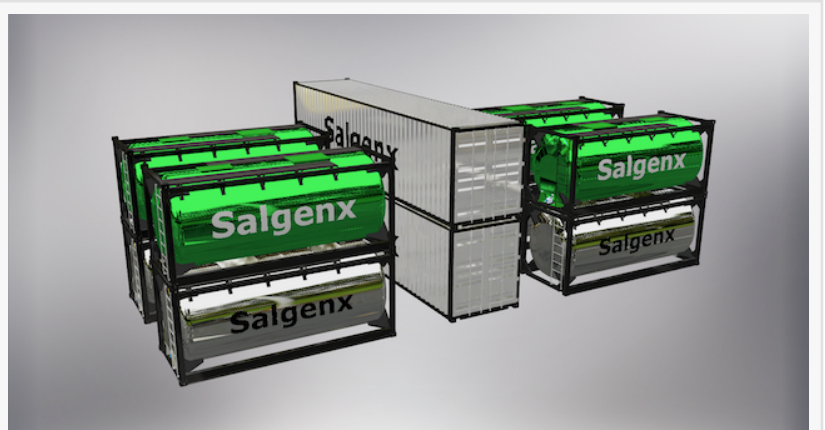


Salgenx Unveils Next-Generation Saltwater Battery with Starlink Integration and AI Factory Capabilities

Salgenx Grid Scale Battery with Starlink and AI Factory Capabilities with Desalination, Thermal Storage, Graphene and Cathode Materials Self Replication

MADISON, WISCONSIN, USA, June 20, 2024 /EINPresswire.com/ -- [Salgenx](https://www.salgenx.com/), a pioneer in innovative energy storage solutions, is excited to announce the integration of the Starlink mini mobile device and the implementation of AI Factory capabilities in its state-of-the-art saltwater battery technology. This groundbreaking development will enable unparalleled remote monitoring, real-time management, and optimization of Salgenx battery systems, driving a new era of efficiency and scalability.



Salgenx S12MW 12,000 kWh Grid Scale Battery

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The integration of Starlink and AI Factory capabilities with our saltwater batteries is a transformative step forward.”

Greg Giese, CEO of Salgenx

The robust satellite communication capabilities of the Starlink mini mobile device, combined with the advanced automation and data-driven insights provided by the AI Factory, empower users to oversee and adjust their Salgenx saltwater batteries from anywhere in the world. This integration ensures optimal performance, swift response to operational needs, and significant enhancements in functionality.

Key Features and Benefits:

1. Remote Monitoring and Management:

- Starlink Integration: Provides real-time data access on battery status, energy levels, and operational health from any global location.
- AI-Driven Insights: Leverages AI to analyze performance data, offering actionable insights and

predictive maintenance to prevent downtime.

2. Adjustable Multifunctional Applications:

- Thermal Energy Storage (TES): AI optimizes TES operations for maximum efficiency and minimal energy loss.
- Desalination: Real-time adjustments to desalination processes enhance fresh water production and efficiency from seawater or brine pools.
- Graphene Production: AI ensures consistent graphene synthesis, crucial for advanced technological applications.
- Electrical Discharge Machining (EDM): Under development, this new application uses AI to enhance EDM optimization through continuous learning and parameter adjustments.
- Self-Replicating Cathode Materials: AI optimizes production processes, improving battery life and performance.

3. Enhanced Efficiency and Reliability:

- AI Automation Using NIM from NVIDIA: Streamlines operations, reducing the need for extensive human intervention and minimizing errors.
- Predictive Maintenance: AI predicts and addresses potential issues before they impact performance, ensuring uninterrupted operation.

4. Scalability and Profitability:

- One-Person Billion Dollar Industry: AI-driven automation allows a single individual to manage large-scale operations, reducing overhead costs and increasing scalability.
- Revenue Generation: AI optimizes all processes, from energy storage to desalination, creating new revenue streams and enhancing profitability.

Greg Giese, CEO of Salgenx, commented, "The integration of Starlink and AI Factory capabilities with our saltwater batteries is a transformative step forward. This advanced remote monitoring and AI-driven optimization ensure our batteries are not only efficient and reliable but also highly adaptable to the evolving needs of our users. We are thrilled to bring this innovative solution to the market, setting new standards in energy storage and multifunctional applications."

As environmentally friendly and cost-effective energy storage, the Salgenx saltwater battery offers unmatched control, flexibility, and profitability. This integration is set to revolutionize energy storage management, providing users with unprecedented access and control over their energy resources while leveraging the power of AI to maximize efficiency and scalability.

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.

Contact: Greg Giese | CEO | Infinity Turbine LLC | greg@infinityturbine.com | greg@salgenx.com

Saltwater Battery Website: <https://salgenx.com>

Infinity Turbine Website: <https://www.infinityturbine.com>

Gregory Giese

Infinity Turbine LLC

+1 6082386001

[email us here](#)

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