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Salgenx

salgenx-saltwater-flow-battery-grid-scale-energy-shop

Salgenx Store



This webpage QR code

Structured Data

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Salgenx Store

PDF Version of the webpage (first pages)

<https://salgenx.com/salgenx-saltwater-flow-battery-grid-scale-energy-shop.html>

Salgenx Experimental Saltwater Battery Cell Demo Cart

This hi-tech experimental cart is for those who wish to develop, test, prove, or show flow battery cell technology.

Front Side of Cart: provides two large flatscreens which are driven by a Filemaker database which captures data from a wide array of sensors, video cameras, and FLIR to help collect and interpret data from your concept to help raise the TRL to deployment. The entire system is computer controlled and can be monitored or controlled by a iOS device or Mac/Windows computer.

Some Application Experiments (configured by buyer who must acquire additional parts and materials):

- Saltwater flow battery (one cell)
- Desalination
- Making Graphene
- Cogeneration (thermal storage and heat pump applications)
- Lithium Extraction Process (adsorption using off-the-shelf resins)
- Magnetohydrodynamic Drive in Saltwater Flow Batteries for In-Situ Flow Enhancement

Back Side of Cart: the mechanics of the cell and flow system are available for configuration and sensors. This allows your team of lead scientists to work together with the mechanical crew simultaneously to get your experiments started quickly. Using our modular blocks (NSF termed Industrial Legos), multi-channel flows can simultaneously be configured to save time, space, and plumbing.

The entire cart is compact enough to fit through any standard USA hallway, elevator, or doorway with 5 inch swivel casters for ease in mobility. The entire cart is made from our bolt-together caster beams which allows easy reconfiguration if needed.

If you are looking for a time-savings mini-lab-on-a-cart, this is your dream. It will save you months or up to a year of time.

Please call or email for pricing.

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Salgenx Flow Battery Technology Report

Salgenx, a renowned provider of innovative energy solutions, has recently unveiled its highly anticipated Salt Water Redox Flow Battery Technology Report.

Find out how this technology has been around for 100 years.

See why the US Military spent \$5 million to verify the technology.

Find out why the Pacific Northwest Laboratory did experiments to prove the technology.

This comprehensive report takes a deep dive into the dynamics of grid-scale flow batteries, shedding light on crucial aspects such as economics, efficiency, and deployment strategies.

With insights derived from extensive research and engineering expertise, the report offers valuable recommendations for optimizing financial viability, enhancing energy conversion efficiency, and successful deployment.

This groundbreaking resource is expected to revolutionize the understanding and adoption of grid-scale flow batteries, driving advancements in energy storage and accelerating the transition to a sustainable future.

Learn how to build a demo cell that you can test and use.

The Salt Water Redox Flow Battery Technology Report is now available for purchase on the Salgenx website, positioning it as an essential read for industry professionals, investors, and stakeholders seeking reliable, efficient, and eco-friendly energy storage solutions.

Please email for pricing.

Salgenx S3000 3 MWhr Completed Battery Pack System 48V

Description: 3,000 kWh Completed Battery System.

48-480V (other voltages and configurations available)

Measurements: Tank Containers with Command and Control Container.

-or-

Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Price:(1-5) \$3,000,000

Price: After 6 units \$1,000,000

In Stock: Custom order.

Order Time For More: 6-12 months.

Shipping: To any USA lower 48 location.

Order Now: Shipping within 3 days of in-stock.

Support: Support is an additional option.

Salgenx S6000 6 MWhr Completed Battery Pack System 48V

Description: 6,000 kWh Completed Battery System.
48-480V (other voltages and configurations available)
Measurements: Tank Containers with Command and Control Container.
-or-
Over the road tankers and Command and Control Van.
You supply water, salt, off-the-shelf counter electrolyte.

Price:(1-5) \$5,000,000
Price: After 6 units \$3,000,000
Price: After 12 units \$2,000,000

In Stock: Custom order.
Order Time For More: 6-12 months.
Shipping: To any USA lower 48 location.
Order Now: Shipping within 3 days of in-stock.
Support: Support is an additional option.

Salgenx S12MW 12 MWhr Completed Battery Pack System 48V

Description: 12,000 kWh Completed Battery System.
48-480V (other voltages and configurations available)

Measurements: Tank Containers with Command and Control Container.

-or-

Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Price:(1-5) \$9,000,000

Price: After 6 units \$5,000,000

Price: After 12 units \$4,000,000

In Stock: Custom order.

Order Time For More: 6-12 months.

Shipping: To any USA lower 48 location.

Order Now: Shipping within 3 days of in-stock.

Support: Support is an additional option.

Salgenx S18MW 18 MWhr Completed Battery Pack System 48V

Description: 18,000 kWh Completed Battery System.
48-480V (other voltages and configurations available)

Measurements: Tank Containers with Command and Control Container.

-or-

Over the road tankers and Command and Control Van.

You supply water, salt, off-the-shelf counter electrolyte.

Price:(1-5) \$9,000,000

Price: After 6 units \$8,000,000

Price: After 100 units \$6,000,000

In Stock: Custom order.

Order Time For More: 6-12 months.

Shipping: To any USA lower 48 location.

Order Now: Shipping within 3 days of in-stock.

Support: Support is an additional option.

Salgenx SAMx 250 kWh Salt Water Array Battery System

Description: 125-250 kWh Completed Battery System.

12-48V (other voltages and configurations available)

Measurements: Uses IBC (Intermediate bulk containers are DOT/UN approved containers).

48V (other voltages and configurations available)

You supply water, salt, off-the-shelf counter electrolyte.

This is basic battery only. 25 kW electrolyzer stack. That means slow charging and maximum 25 kW discharge rate.

Does not include charge controller or inverter.

Price:(1-5) \$500,000

Price: After 6 units \$100,000

In Stock: Custom order.

Order Time For More: 6-12 months.

Shipping: To any USA lower 48 location.

Order Now: Shipping within 3 days of in-stock.

Support: Support is an additional option.

Salgenx Lift Pump System

Description: The Salgenx Lift Pump System is design to pump saltwater and viscous fluids. For the saltwater flow battery application, it has piping and fixtures which are electrolyte material compliant to resist corrosion from environmental conditions from saltwater. Each bulk liquid electrolyte tank will have a pump. **Measurements:** 3 inch inlet and exit pipe. Multiple input and sensor options.

Price:(1-5) \$20,000

Price: After 6 units \$10,000

In Stock: Custom order.

Order Time For More: 1-2 months.

Shipping: To any USA lower 48 location.

Order Now: Shipping within 3 days of in-stock.

Support: Support is an additional option.
