

**Infinity Turbine LLC**

# *Salgenx Saltwater Battery*

## *Tesla Mega Pack Comparison and Potential Market Opportunity*

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**Financial Performance**

- The gross profit from Tesla's energy storage sales is near \$1.2 billion, showcasing a substantial increase in profitability due to the ramping volumes of Megapack deployments.

Comparison Between Salgenx Saltwater Battery and Tesla Lithium Grid-Scale Battery

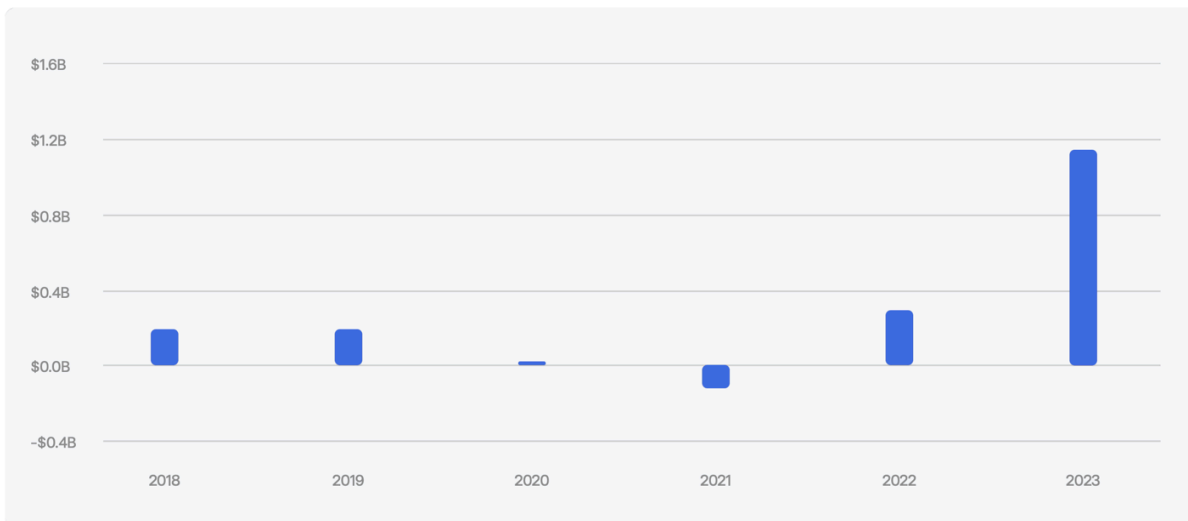
**Tesla Lithium Grid-Scale Battery**

Market Growth and Capacity

- Tesla has shown rapid growth in energy storage deployments over the past few years. The data illustrates a consistent increase in capacity, doubling or even tripling every year.
- This year, Tesla is on track to deploy 40 GWh of energy storage capacity, indicating a significant expansion with much more room for future growth.

**We Generated Record Gross Profit from Energy in 2023**

Ramping Megapack volumes leading to ramping gross profit



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### Salgenx Saltwater Battery

#### Cost and Versatility

- The Salgenx saltwater battery is a competitive alternative to Tesla's lithium batteries, offering the same MWh storage capacity but at a lower cost.
- The versatility of Salgenx batteries sets them apart, as they can perform multiple functions beyond energy storage:
  1. Thermal Energy Storage (TES): Capable of liquid heat or cold storage.
  2. Desalination: Can be used for desalination processes.
  3. Graphene Production: Has the capability to produce graphene.
  4. EDM Machining: Can perform Electrical Discharge Machining (EDM) while charging.
  5. Tax Credits: Eligible for USA tax credits for battery manufacturing and energy storage, which further reduces the overall cost.

#### Conclusion

- While Tesla's lithium grid-scale batteries are leading the market with rapid sales growth and significant profitability, Salgenx's saltwater batteries offer a compelling alternative with additional functionalities and lower costs.
- Tesla's current market dominance is evident with their ambitious deployment targets and high gross profits. However, the unique features and cost advantages of Salgenx's batteries position them as a strong competitor in the grid-scale battery market.

This comparison highlights the strengths and opportunities of both technologies, showing how Salgenx could potentially disrupt the market with its multi-functional and cost-effective energy storage solutions.

# Comparison to Tesla

## Deployments

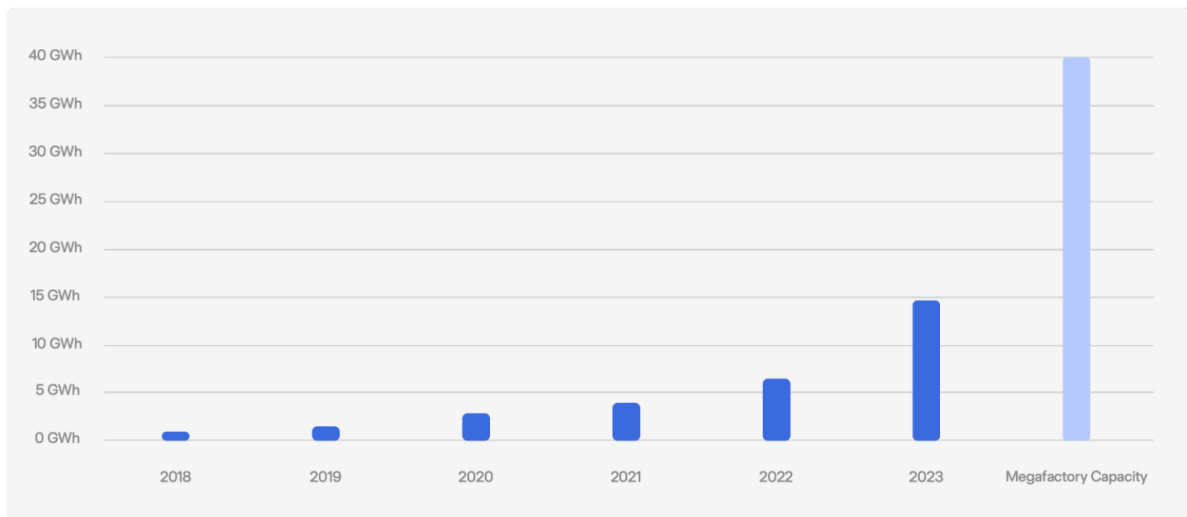
Updated: 6/15/2024

### Tesla Energy Storage Deployments.

Note: Salgenx has about 1,200 potential orders from interested parties. Representing 3,600 GW of deployment and about \$1,800,000,000 in potential sales with each 3,000 kWh battery priced at \$1,500,000 (far below same size Tesla Megapack).

### This Year, We're on Track to Complete a Record Number of Energy Storage Deployments

More than 40GWh of capacity between Lathrop Megafactory and Gigafactory Nevada



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This is one of the more exciting slides. It shows rapid growth of Tesla's energy storage deployments in the past few years, and it shows the Megafactory where these storage systems are produced has enough capacity to produce about 2.5x more of them each year.