

# Liquefied Gas Electrolytes for Next-Generation Lithium Batteries



## Founded in 2016

Spin out from UC San Diego where the Liquefied Gas Electrolyte (*LiGas*) chemistry was first developed

## Team

- 23 Full-Time Employees
- Prominent Series-A Investors Including LG Ventures, Shell Ventures, Anzu Partners, Foothill Ventures, Taiyo Nippon Sanso

## IP Portfolio

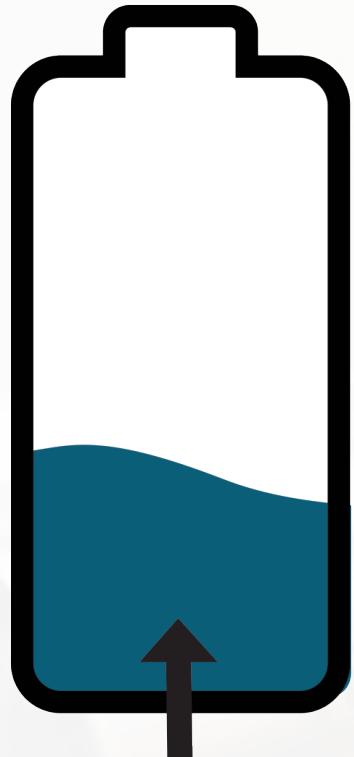
- 7 Separate Patent Families Issued in U.S.
- Several International Patents Issued
- Continual IP Generation

## Traction

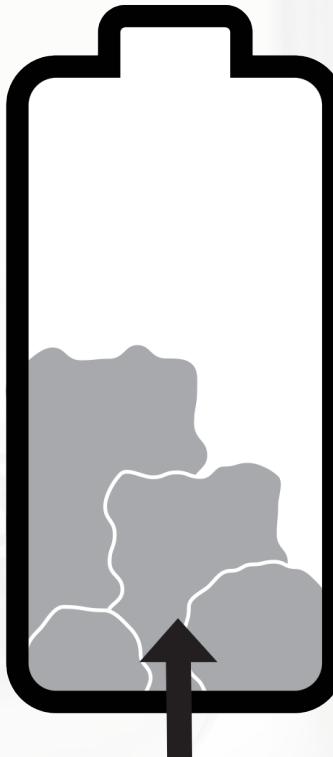
- Technology Validated by 3<sup>rd</sup> Party Validated by Leading Tier 1 Cell and Automotive Manufacturers and Dept. of Defense
- Several Purchase Orders Across Industry Segments
- Ongoing Joint Development Projects

*Delivering breakthrough battery technologies to advance a clean energy future.*

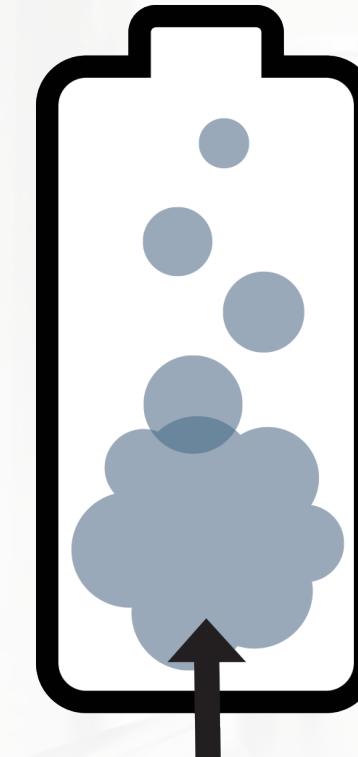




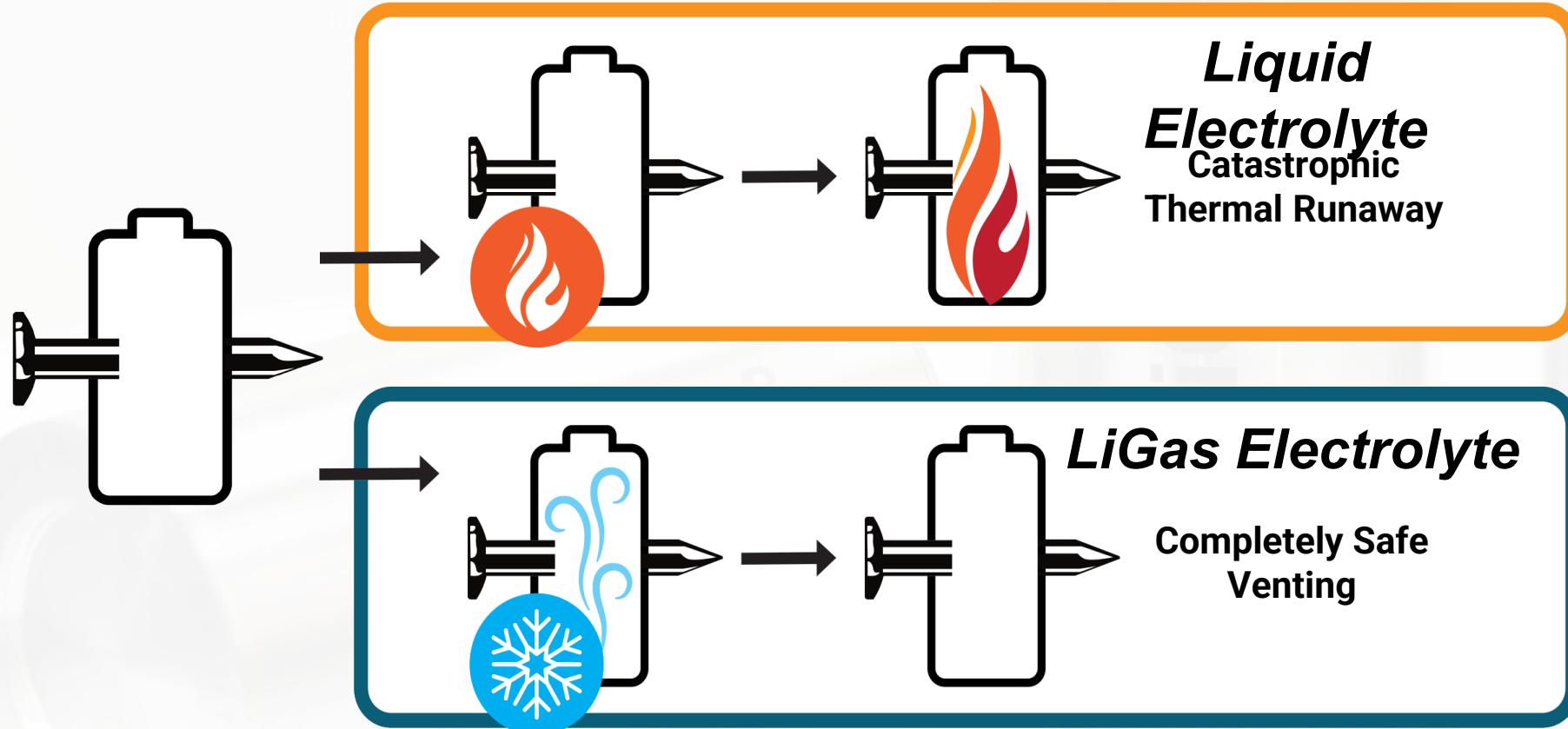
**Conventional  
Liquid Electrolyte**

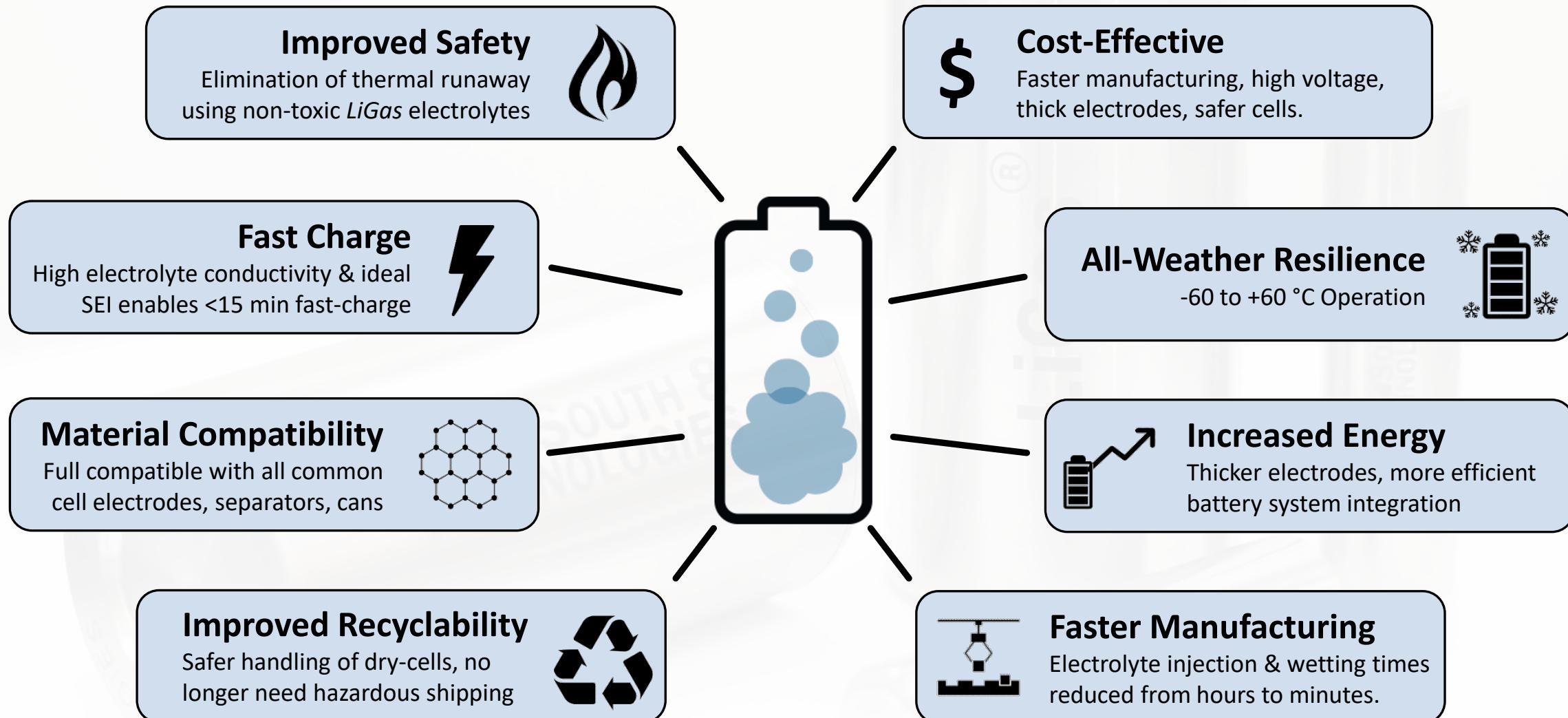


**Solid State  
Electrolyte**



**Liquefied Gas  
Electrolyte (LiGas®)**



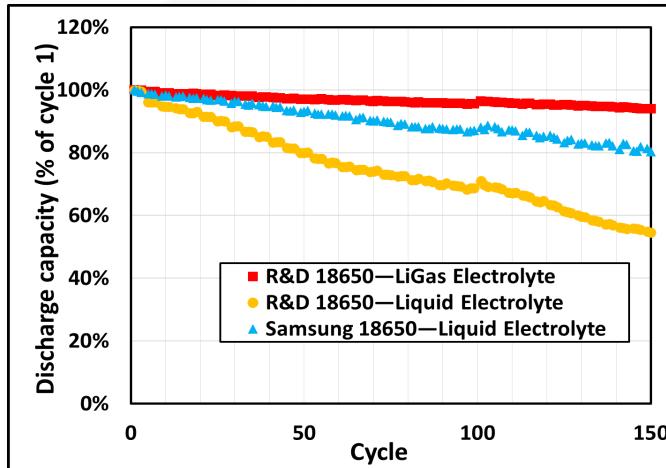




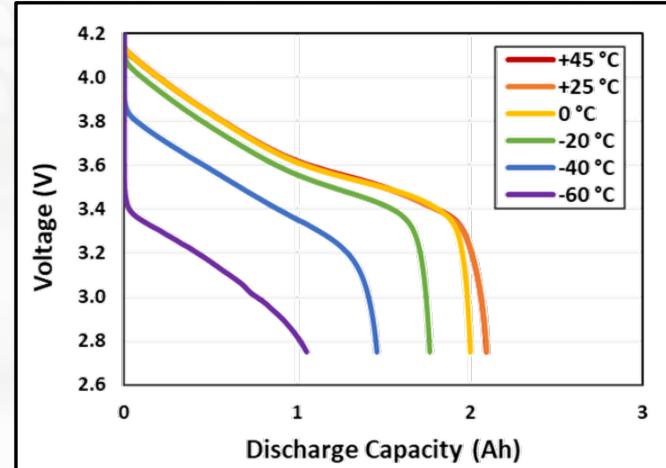
**--ARPA-E EVs4ALL Award--**  
*LiGas Cell Development for  
Automotive Applications*



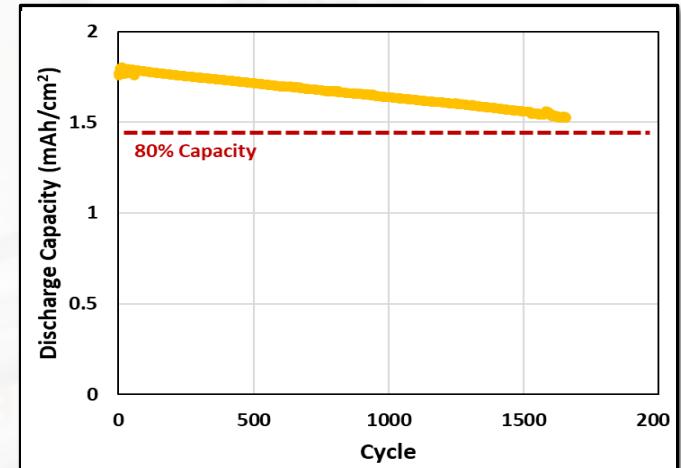
### Fast Charge



### Low Temperature



### Low Cost Cobalt-free LNMO Cathode





2021

2022

2023

2024

2025

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*Thank you!!*

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