

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

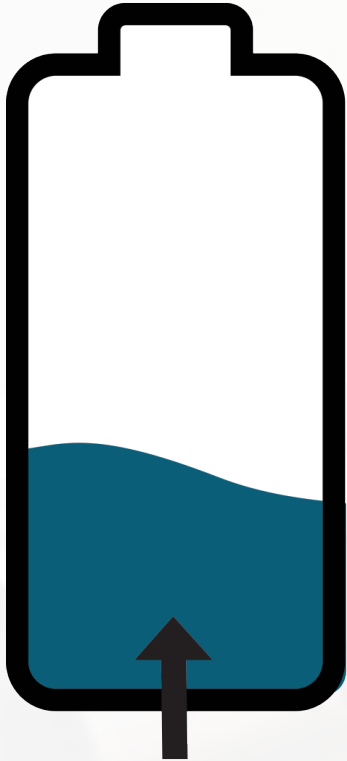
- 7 Separate Patent Families Issued in U.S.
- Several International Patents Issued
- Continual IP Generation

Traction

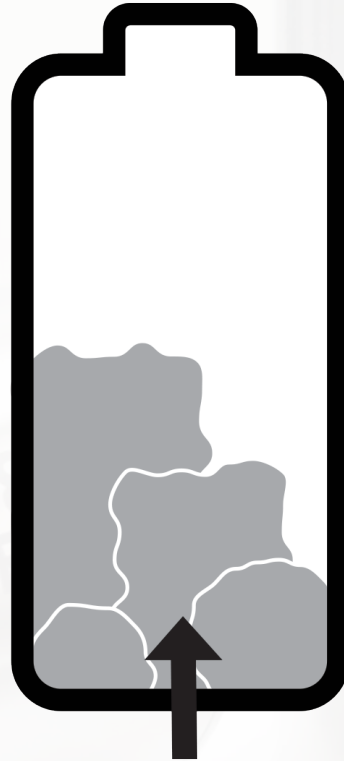
- Technology Validated by 3rd Party Validated by Leading Tier 1 Cell and Automotive Manufacturers and Dept. of Defense
- Several Purchase Orders Across Industry Segments
- Ongoing Joint Development Projects

Delivering breakthrough battery technologies to advance a clean energy future.

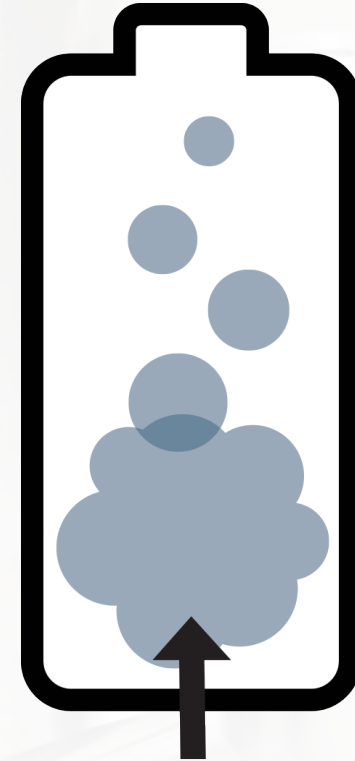




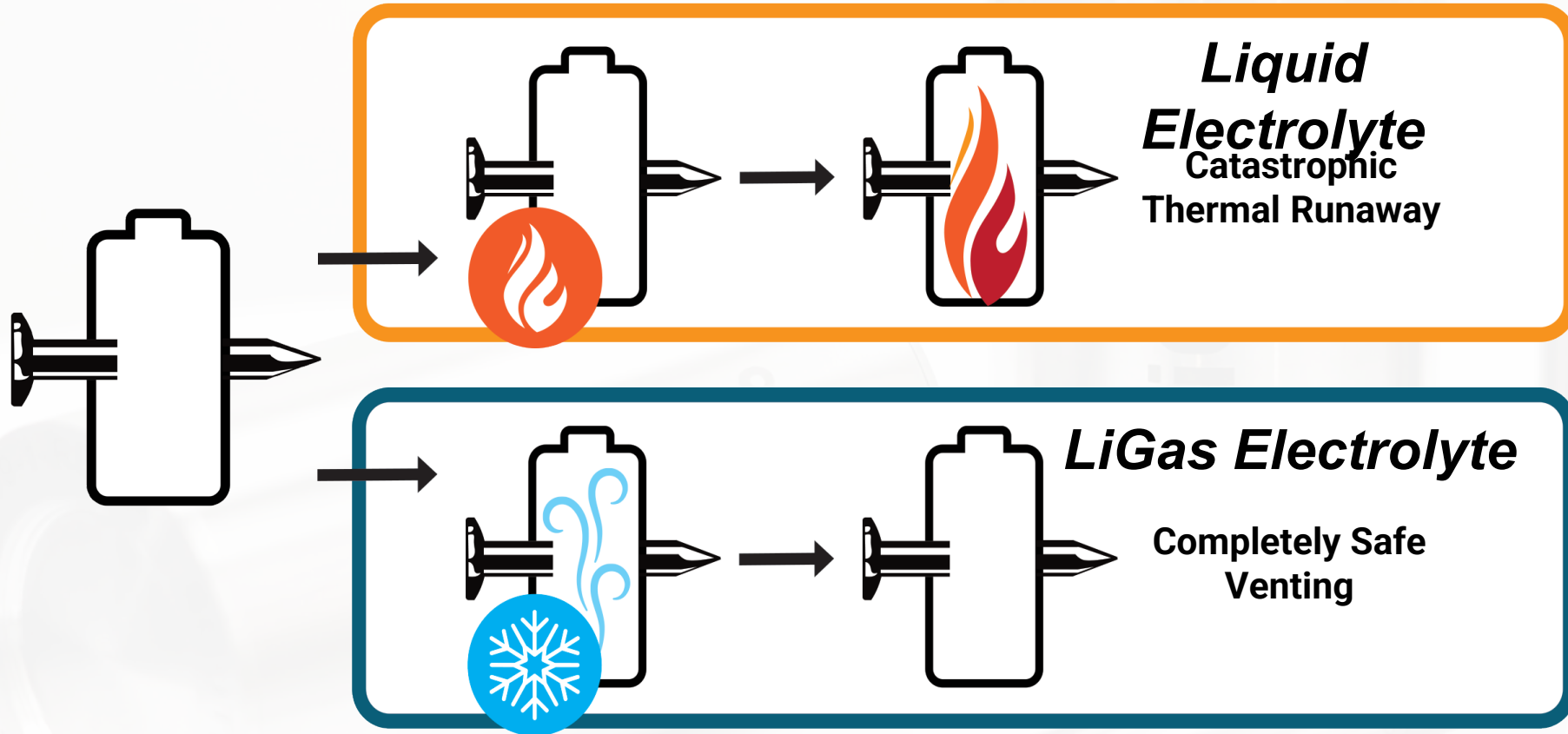
**Conventional
Liquid Electrolyte**

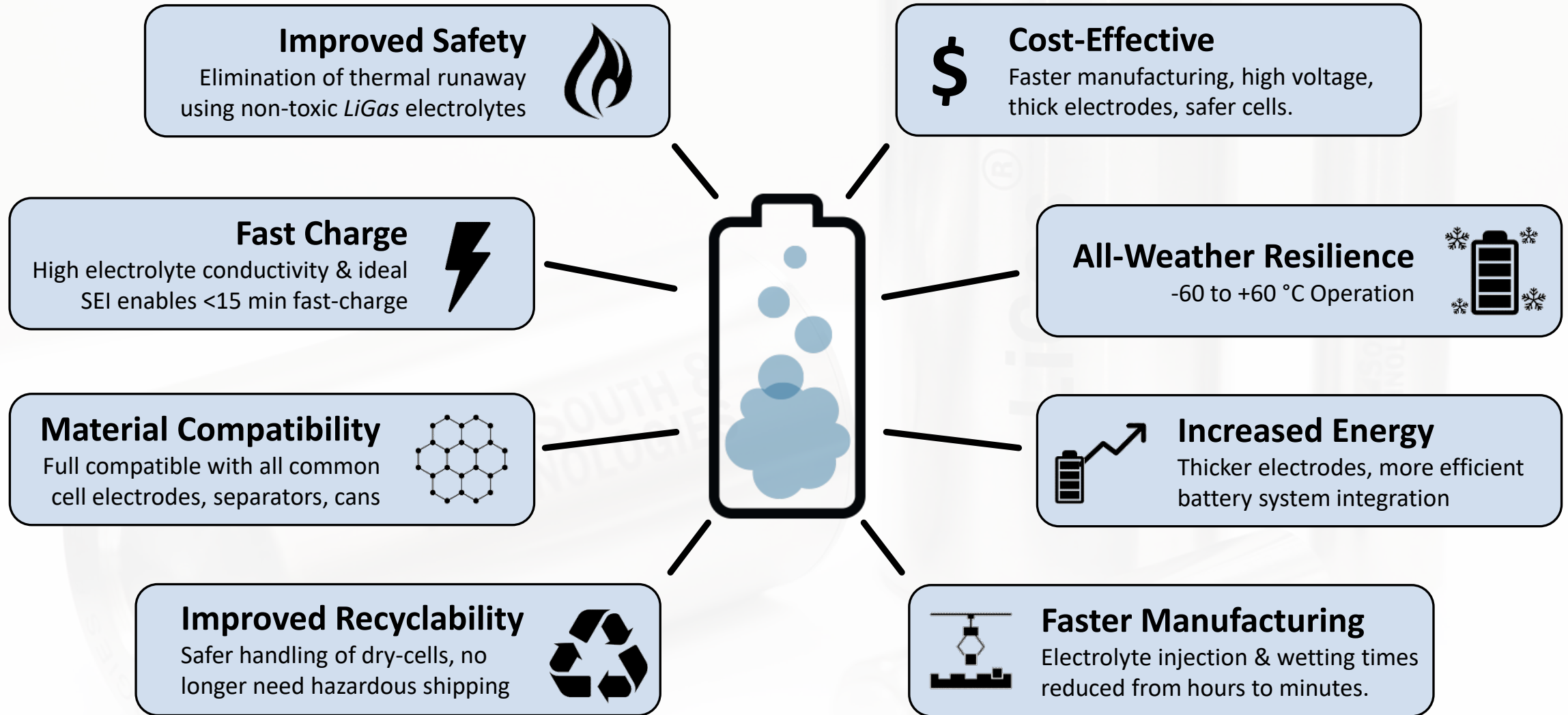


**Solid State
Electrolyte**



**Liquefied Gas
Electrolyte (LiGas®)**



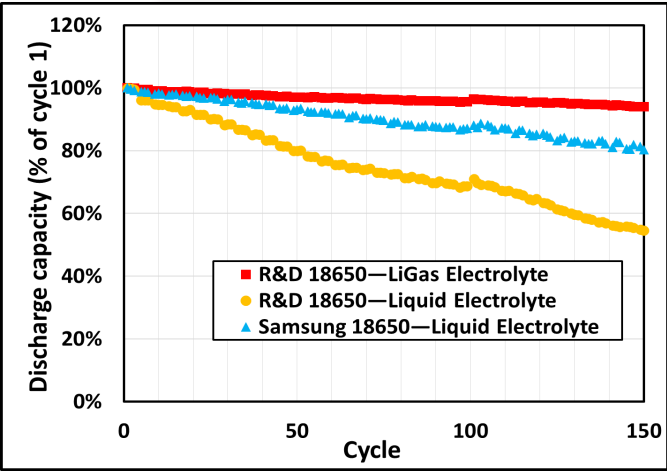




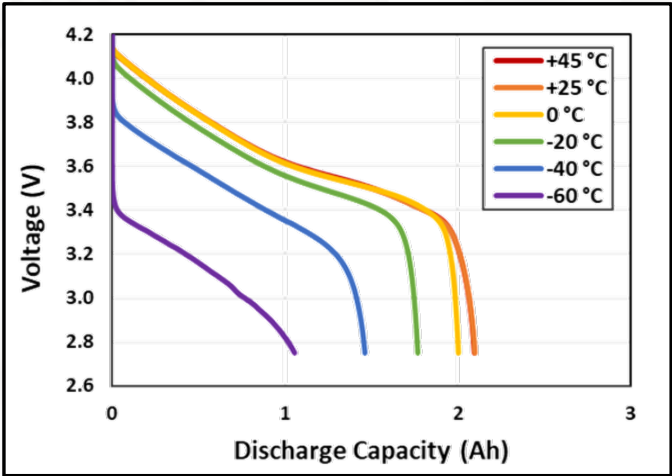
*--ARPA-E EVs4ALL Award--
LiGas Cell Development for
Automotive Applications*



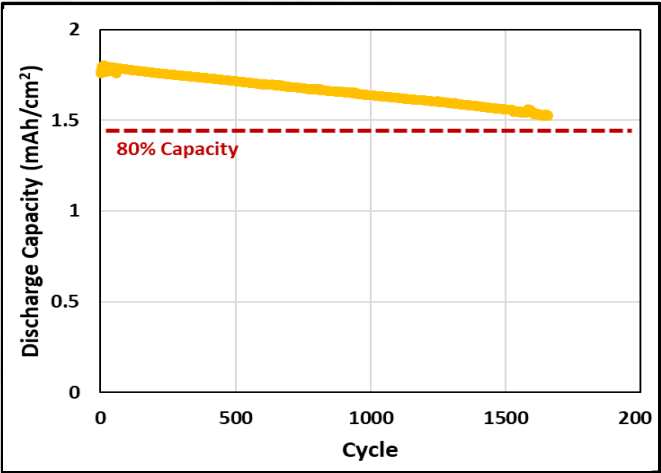
Fast Charge



Low Temperature



**Low Cost
Cobalt-free LNMO Cathode**



*Technology
Demonstration*



2021

*Manufacturing
Development*



2022

Pilot Production



2023

*Production Ramp Up
& Field Validation*



2024

Electrolyte Sales



2025

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

Liquefied Gas Electrolytes for Next-Generation Lithium Batteries



Thank you!!

info@south8technologies.com
www.south8technologies.com