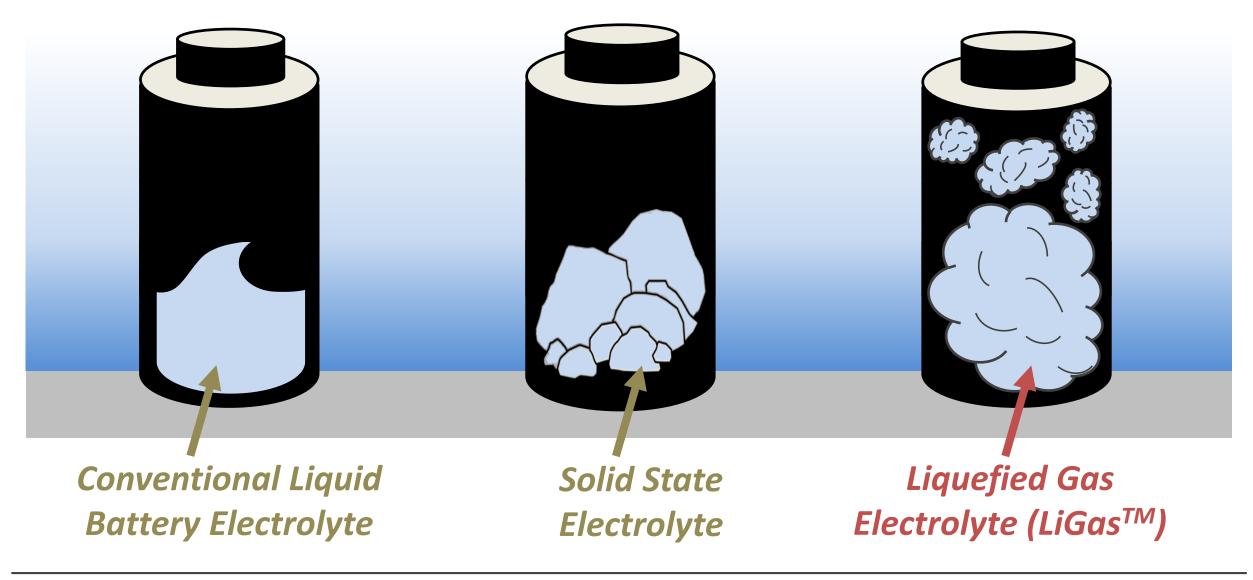


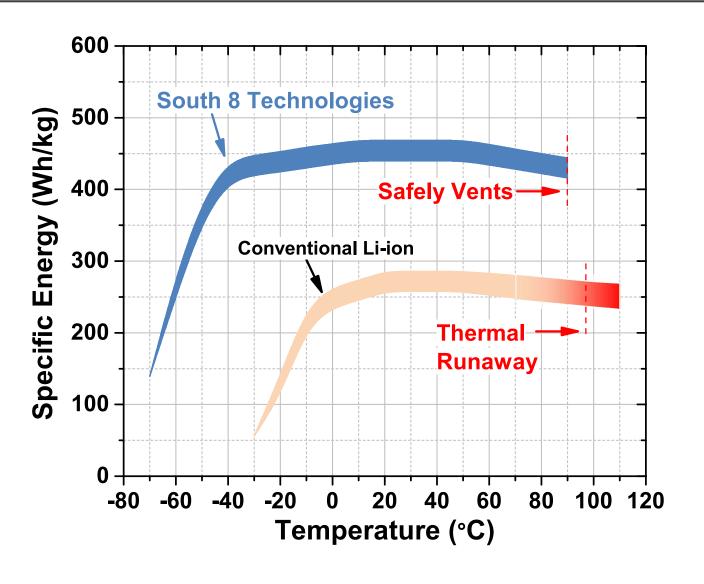
Liquefied Gas Electrolytes for Lithium Metal Batteries





Rustomji, Cyrus S., et al. Science 356.6345 (2017): eaal4263.

Value Propositions







\$





450 Wh/kg, 1000 Wh/L

2x capacity on single charge reducing mass and volume

SOUTH 8 TECHNOLOGIES

Improved Safety

Reduced risk of revenue loss from recalls and personnel injury

-80 to +60 °C Operation

Reduced engineering costs of thermal management systems

Cost Savings

30% lower \$/kWh reducing barrier to entry of key technologies

Material Compatibility

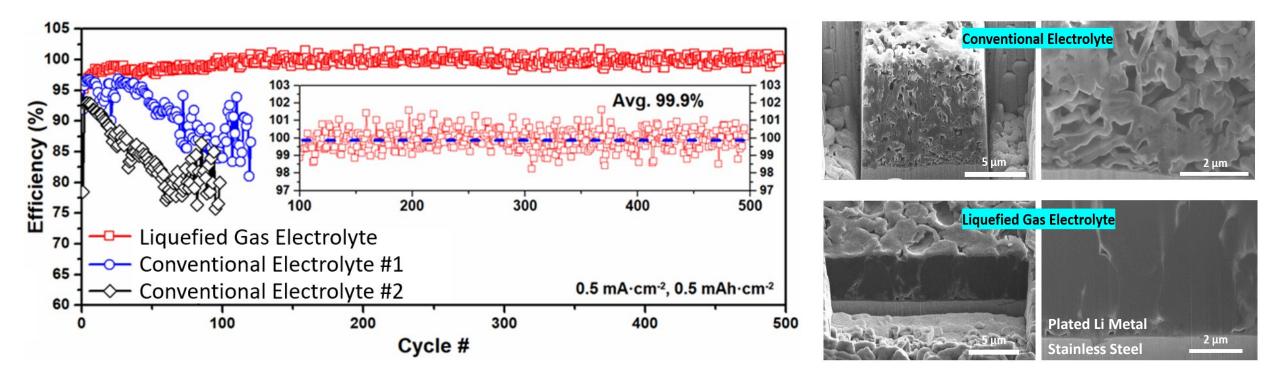
Existing supply chain provides all necessary components at scale

Manufacturing Compatibility

Minimal switching cost reduces barriers to adoption

Lithium Metal Anode



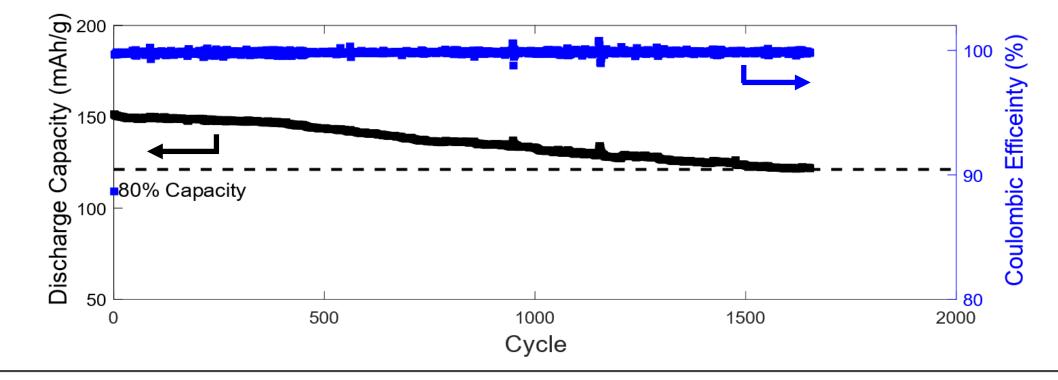


Life Performance



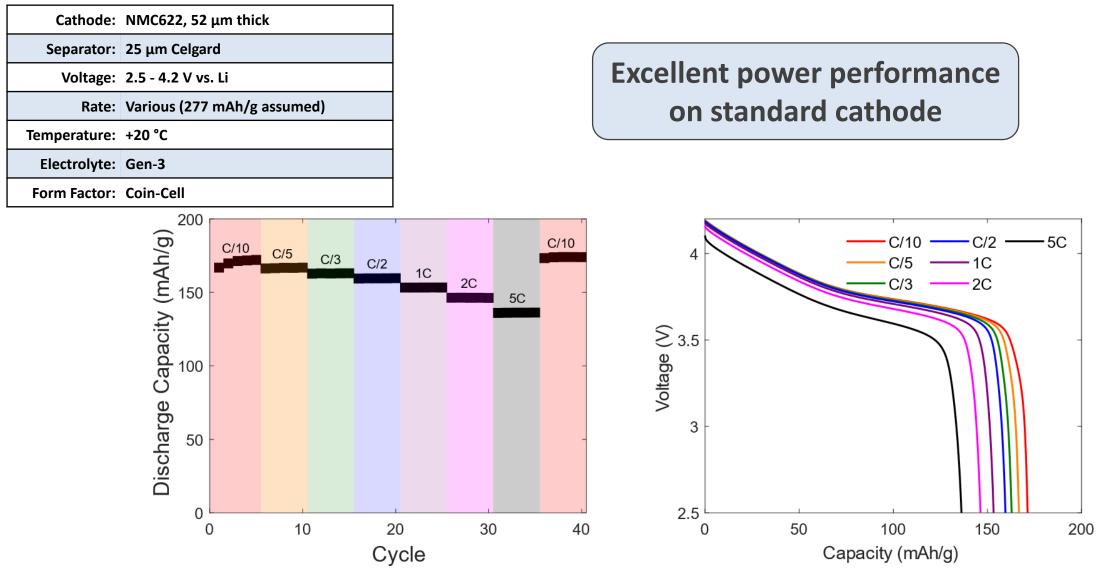
Form Factor: Coin-Cell

Excellent life performance >1600 cycles at 4.2 V w/ 100% DoD



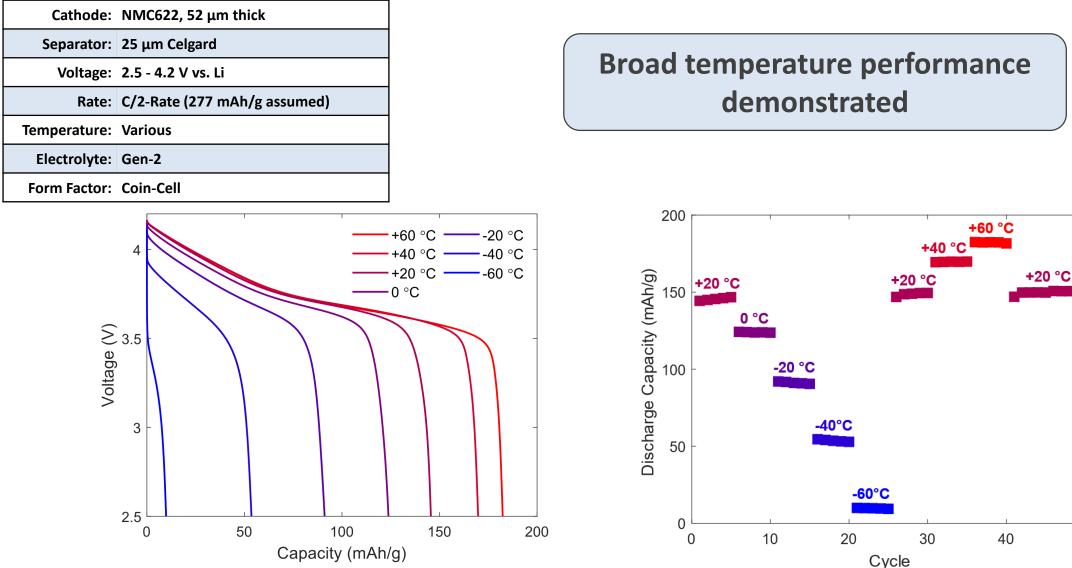
C-Rate Performance





Temperature Performance





Confidential and Proprietary

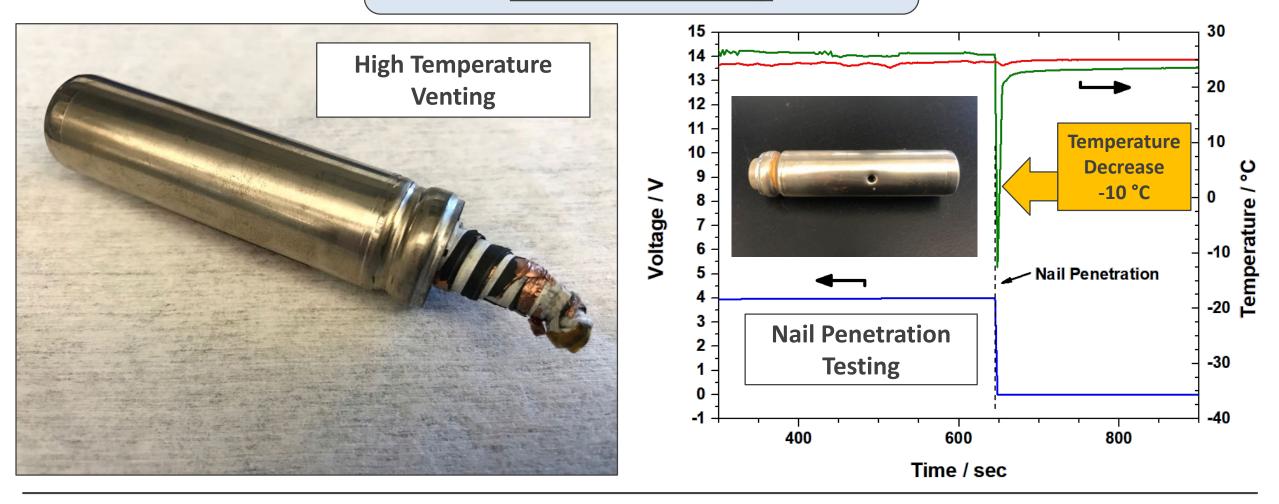
50

Superior Safety



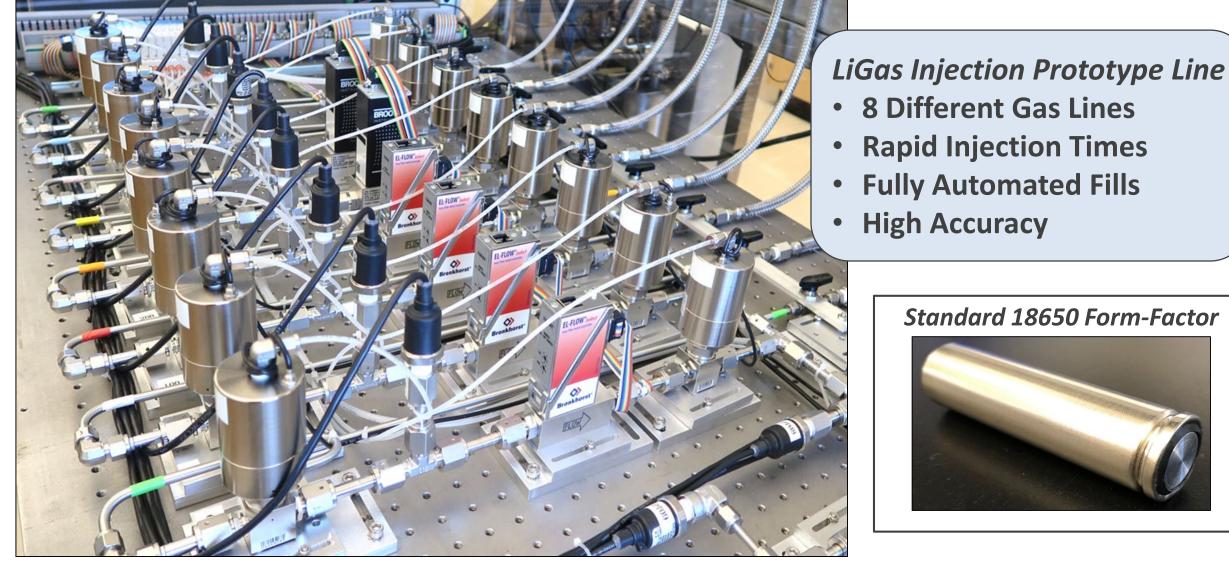
No fire. No spark. No thermal runaway.

Non-toxic chemistry



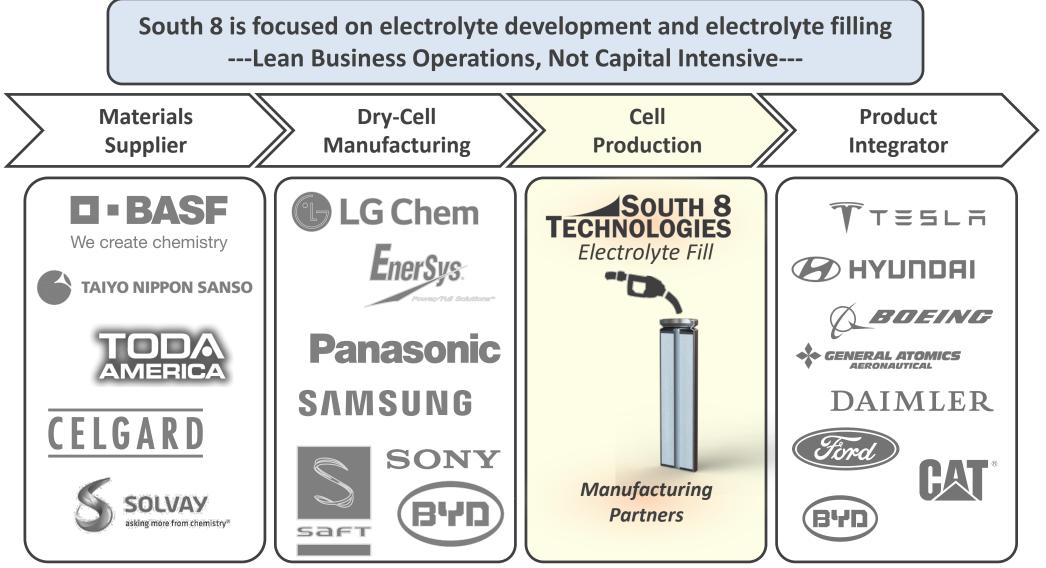
Manufacturability Validated





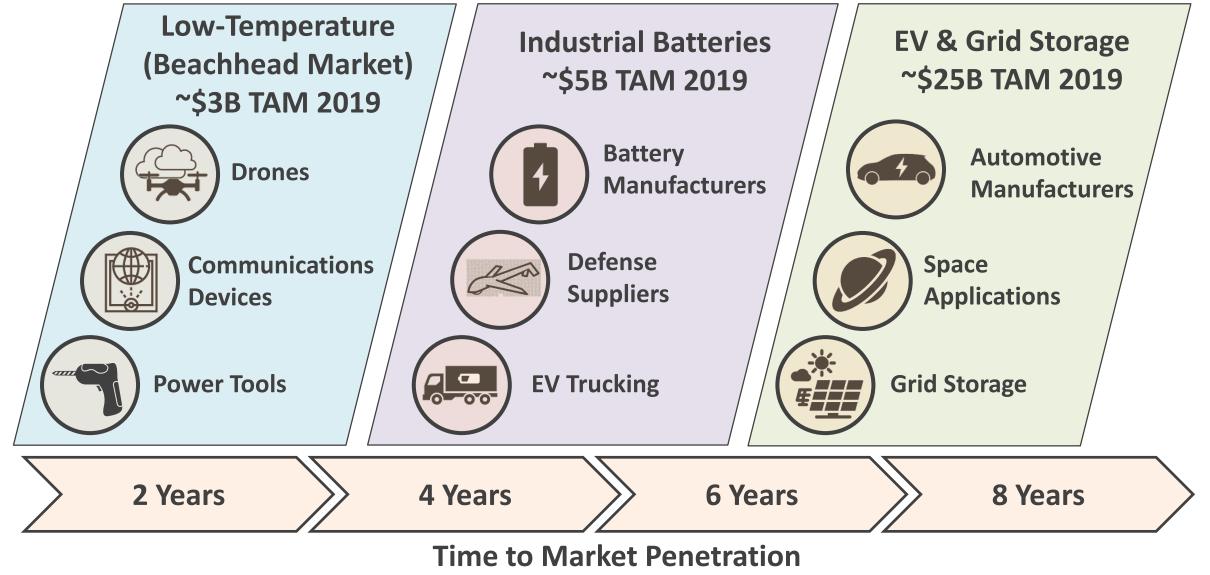
Role in Value Chain





Customer Timeline

SOUTH 8 TECHNOLOGIES

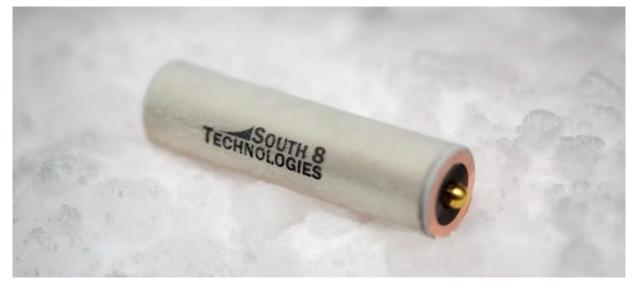


Funds to Date









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