

# LYTEN COMPANY UPDATE

“Who is Lyten, and why have I never heard of them?”

Presented by John Duke  
Chief Business Officer

Booth #1



# “WHO IS LYTEN?”



- Advanced Materials Company based in San Jose, CA
- Founded in 2015
- >150 employees
- >\$200M funds raised; no VC funding
- >250 patents awarded / pending

# “WHY HAVE WE NOT HEARD OF LYTEN?”



- Working with the US Government/DOD
- September 2021 exited stealth

# “WHAT DOES LYTEN DO?”



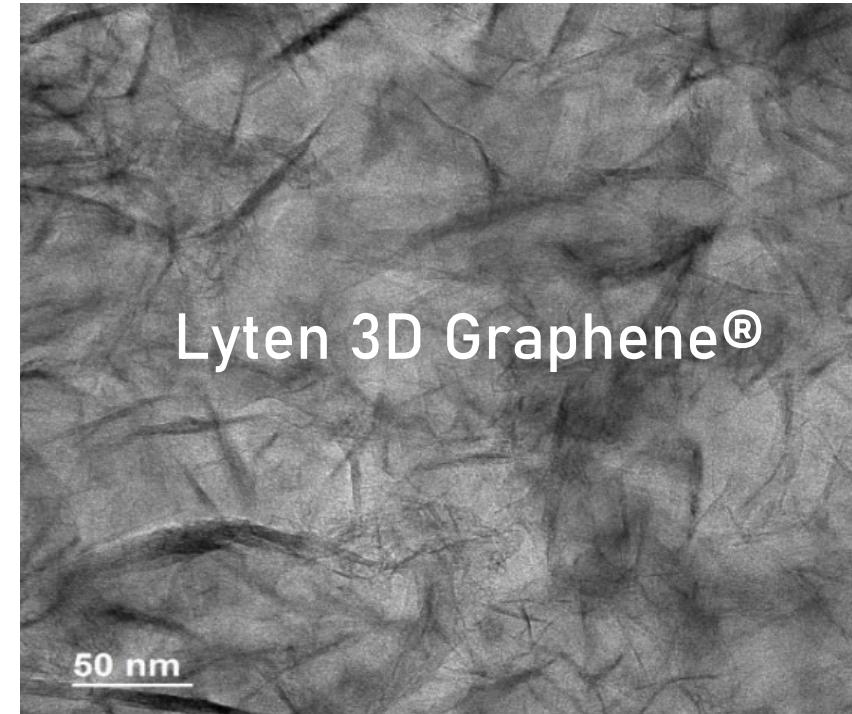
- Core innovation Lyten 3D Graphene®
- Develop products based on Lyten 3D Graphene®
  - LytCell EV™ Lithium-Sulfur batteries (cells)
  - Sensors (including LIB safety sensors)
  - Composite additives

# LYTEN 3D GRAPHENE® THE ULTIMATE BATTERY MATERIAL

GREATER CHEMICAL AND  
ELECTRICAL FUNCTIONALITY  
THAN HISTORIC, FLAT, 2D  
GRAPHENE

ELEMENTALLY INTEGRATED  
FOR REVOLUTIONARY  
ELECTRODE PERFORMANCE

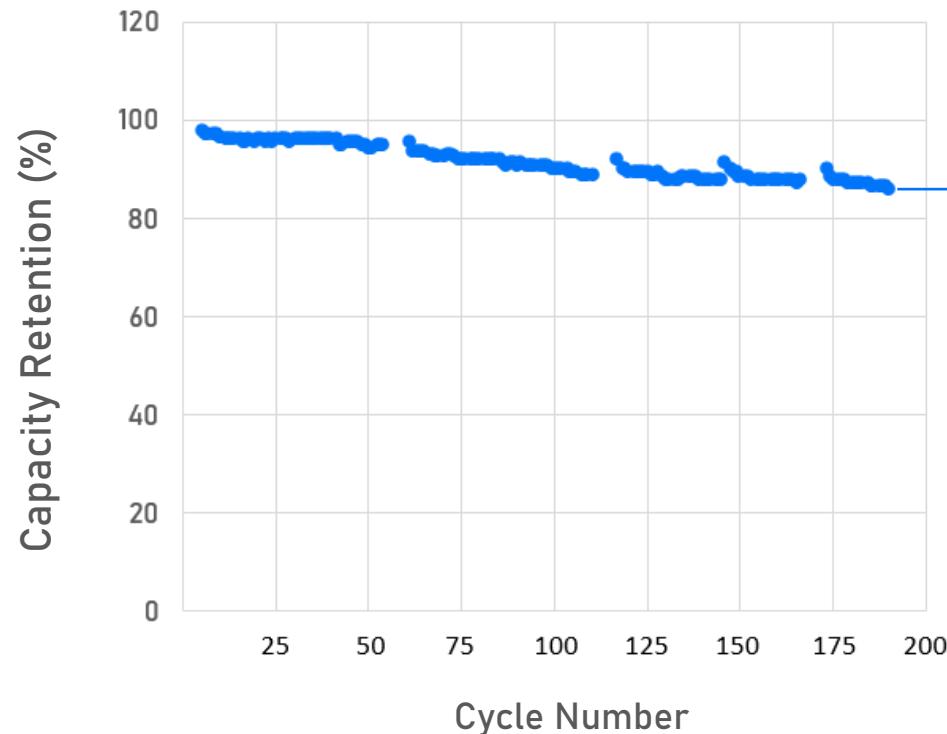
PATENTED



# LYTEN PROTOTYPE CELL CYCLING PERFORMANCE DATA

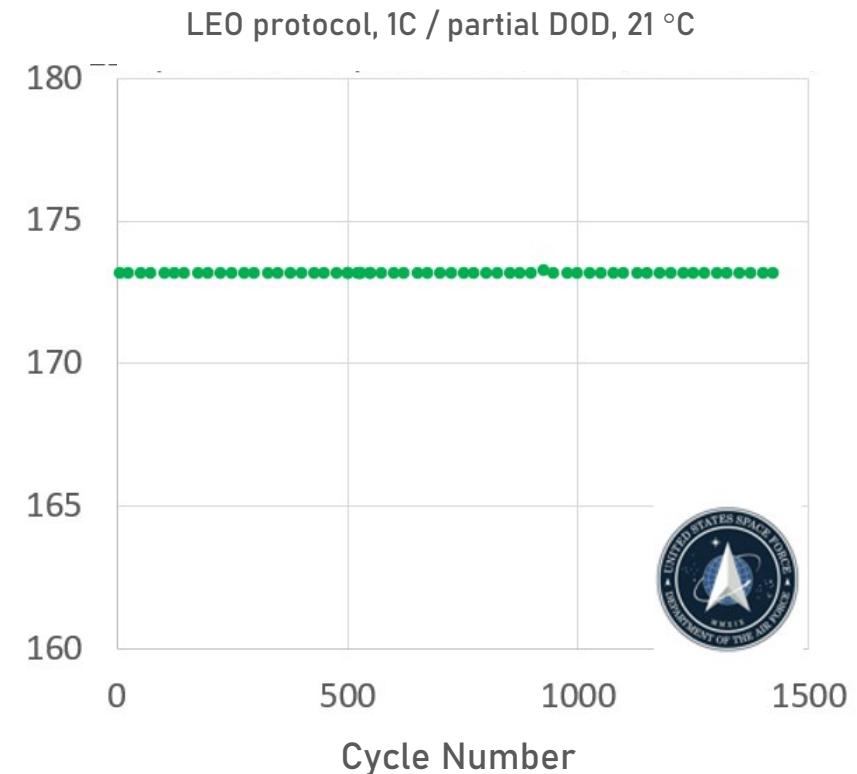
TESTED BY GLOBAL AUTO OEM & SPACE FORCE

## Lyten Automotive Performance<sup>1</sup>



Cylindrical Cell Capacity (mAh)

## Lyten Cylindrical Performance<sup>2</sup>

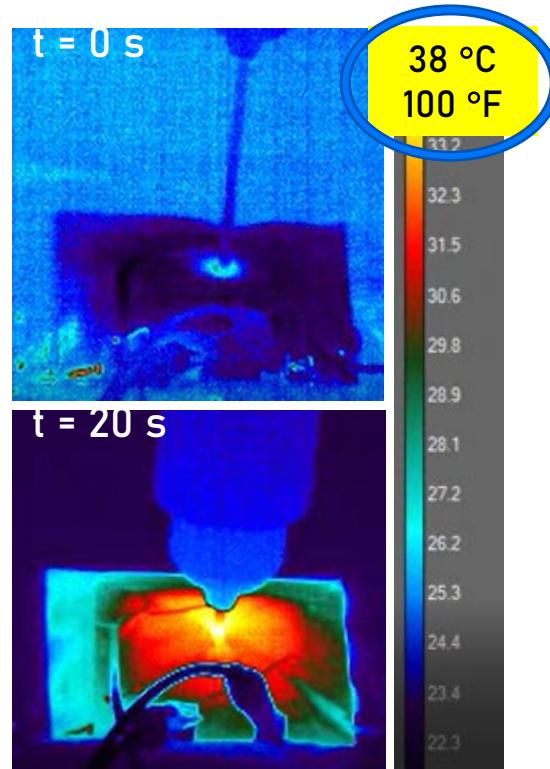


1. Tested by Global Auto OEM

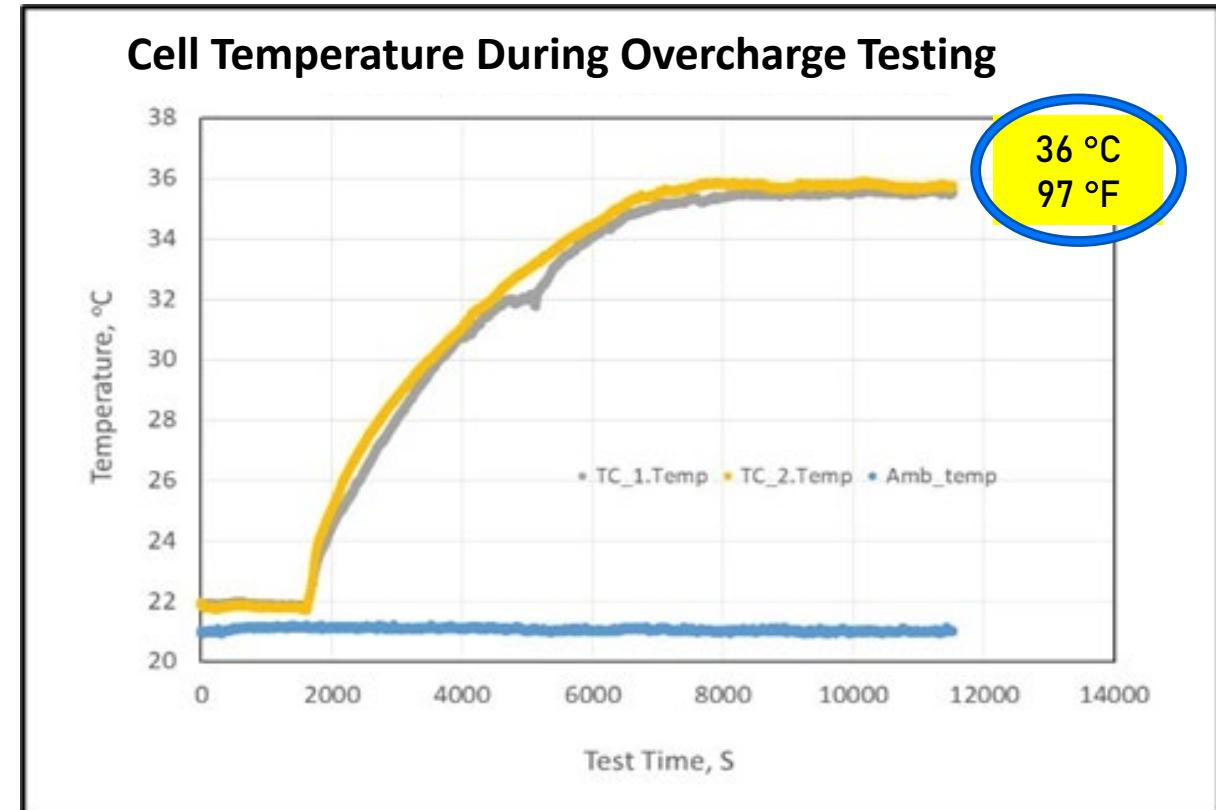
2. Tested and verified under the direct supervision of U.S. Space Force

# LYTEN Li-S CELLS: ORDERS OF MAGNITUDE SAFER THAN CONVENTIONAL LIB

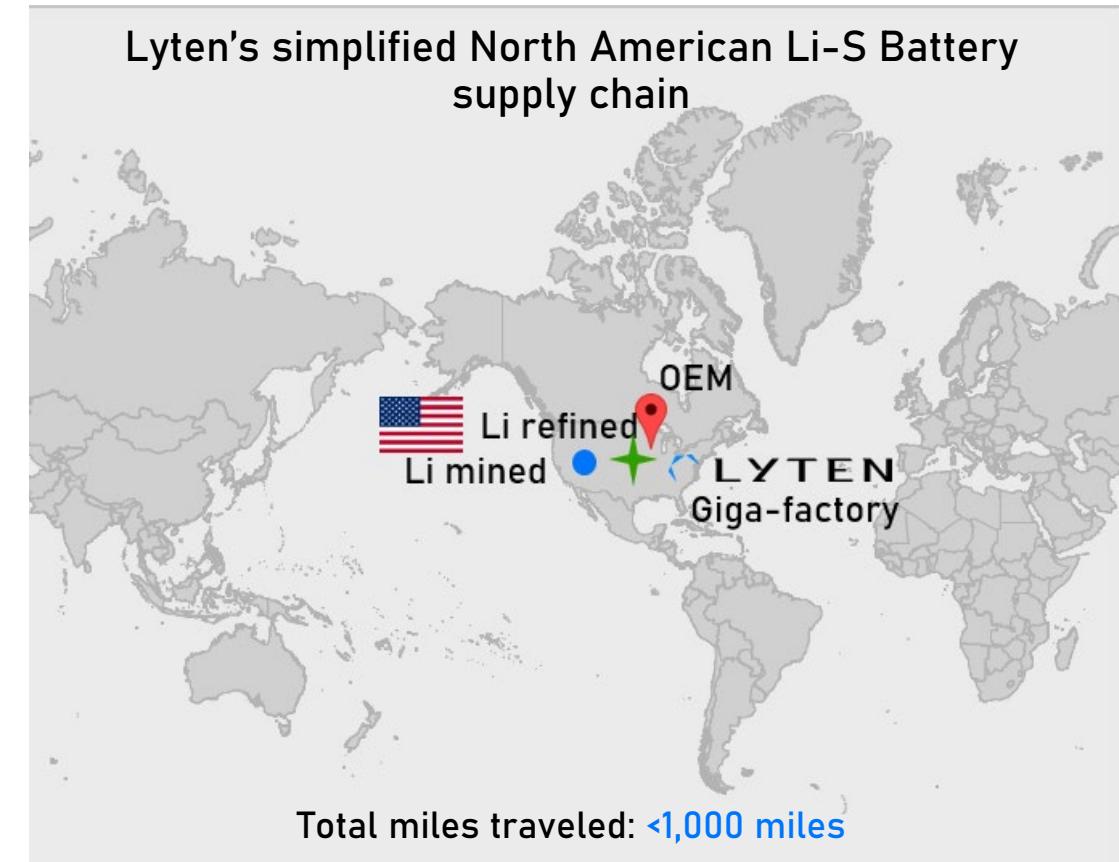
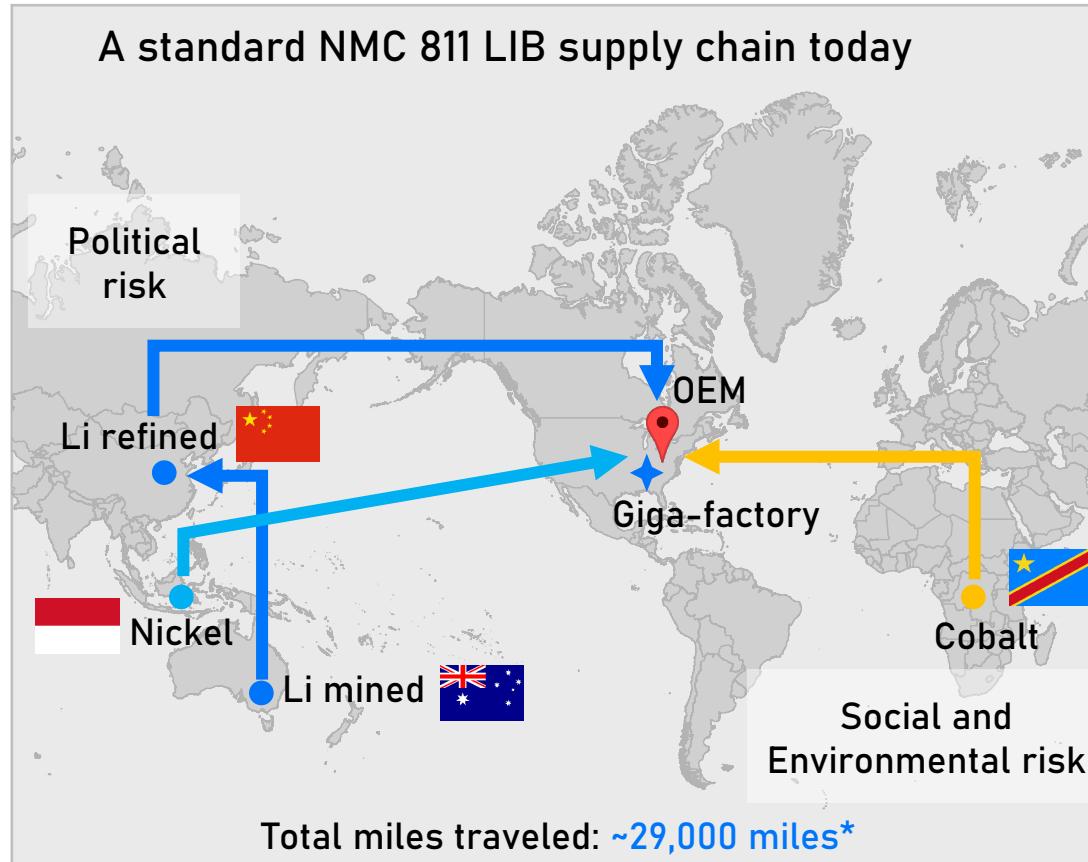
NAIL PENETRATION TEST shows  
*no thermal runaway\**



OVERCHARGE TEST (5V, 4 h) shows  
*no thermal runaway\**



# LYTEN'S LI-S CELLS WILL BE 100% SOURCED IN NORTH AMERICA, AND 100% MANUFACTURED IN THE US



Overall, Lyten Li-S's "full-lifecycle" carbon footprint is ~60% lower than traditional LIB's\*\*

\* Source: Open press search, academic research reports, expert interviews, team analysis.

\*\* Source: "Life Cycle GHG Analysis of Lyten Lithium Sulfur Battery System", September '21.



# THANK-YOU!

*Come visit us  
at booth #1*