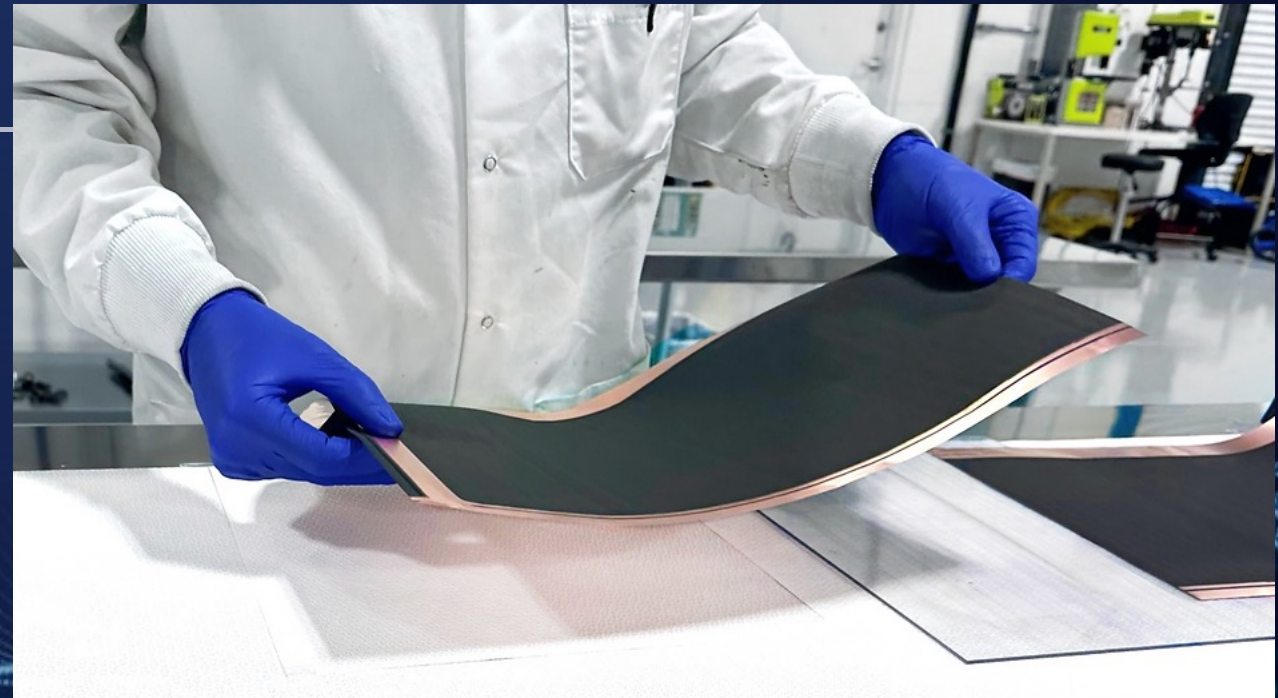


ACE READY & NEAR-TERM LITHIUM-ION/LFP SOLUTIONS

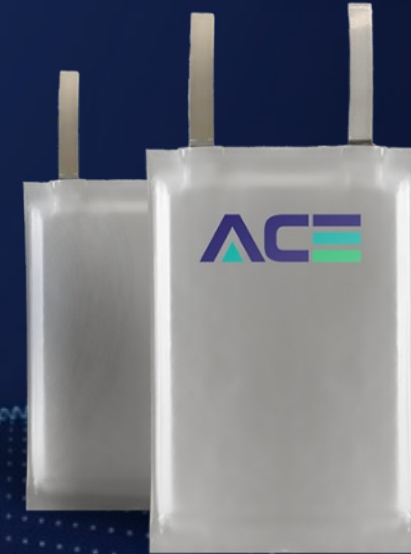
DPEC June 4-6, 2024



CONTENT

What Does ACE Offer?

- Lithium-ion Technology
- Ready Now LFP-Li Safe Solutions
 - Cylindrical Cells
 - Pouch Cells
 - Prismatic Cells
- Near Term Offerings
- Domestic Production – IRA Compliant
- Vision for the Future



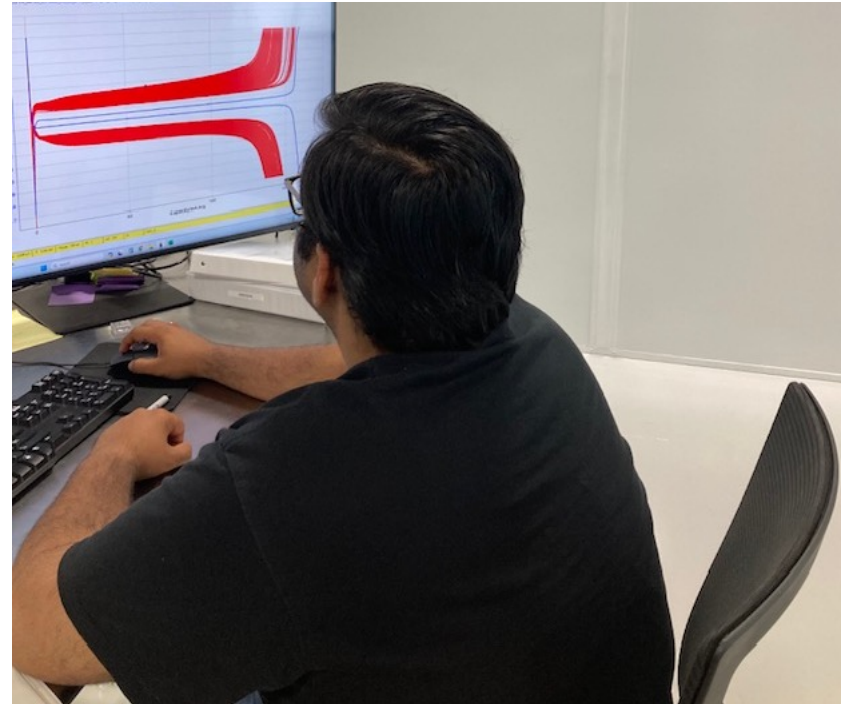
ACE'S LITHIUM-ION TECHNOLOGIES

- Developer of New Battery and Energy Storage Technologies:
 - Advanced Lithium-ion LFP Chemistries
 - Dopants and Additives
 - Advanced Lithium-ion LFP Powder
 - Cell Designs (Cylindrical, Pouch, Prismatic)
 - Military & Commercial Manufacturer
 - Grid Storage Cell
- ACE Technology is Protected by 12 Patents

READY NOW LFP-LI SAFE SOLUTIONS

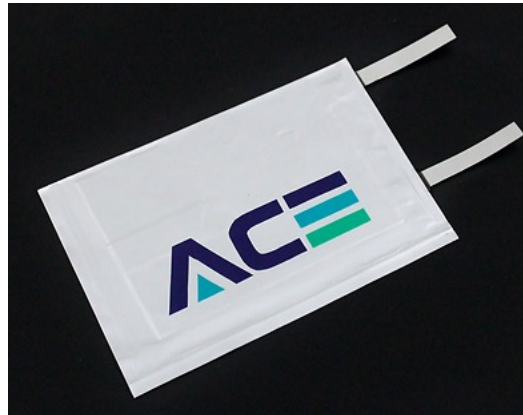
- Lithium-ion - LFP Batteries Using ACE's Technology Solutions Offer:

- Safety (No Fires)
- Low Heat Generation
- No Nickel or Cobalt
- Slow Rate Capacity Loss
- No Thermal Runaway
- Strong Charge and Discharge Profile
- High Energy Density
- Long Life Cycles - Overall Stability



TODAY'S LITHIUM-ION SOLUTIONS

- Power & Safety Insure Battlefield Survivability
 - A-LFP* Cylindrical 21700, 18650 Cell
 - A-LFP* 5-20Ah Pouch Cells
 - A-LFP* 280Ah Grid Level Storage Prismatic Cells



* Advanced Lithium Iron Phosphate

NEAR TERM ADVANCED CHEMISTRIES

- **LFP Power Cells**
 - **LFP LTO - High Power Cell**
 - **LFP NCA - High Energy and Power Cell**
 - **LFP Si Anode - High Energy Cell**
 - **LFP Li Metal – High-Capacity Cell**



DOMESTIC PRODUCTION IRA COMPLIANT

- **Exiting Pilot Line for Pouch and Prismatic Cells**
- **Developing Plans for LFP Cylindrical Cell Production**
- **LFP Powder Produced In House**
- **Plans for our LFP Powder Mass Produced Domestically**

TECHNOLOGY VISION FOR THE FUTURE

- **Expanding the Technology Portfolio**

- LFP SiO Anode (Silicon)
- LFP LTO (High Power Cell for Trucks, Buses and Trains)
- LNFP (Nickel) – High Energy Cell
- Bi-Polar Cell – High Energy & Power Cell
- Safe Electrolytes & Separator
- Low Temperature & Fast Charging
- Higher Energy Density

