



OUR ENERGY IS ELECTRIC.

2022 Member Update

Dr John Warner
Chief Customer Officer

ABS is Uniquely Positioned to Enable Electrification Across Multiple Markets



Market Leading Battery Systems Designer and Integrated Battery Pack Provider to Commercial Electric Vehicles, Energy Storage Systems and Industrial End Markets



Experienced Team with Decades of Battery Design Expertise



Broad Customer Base with Secured Contracts



Established Track Record of Manufacturing Excellence



Secured Cell Supply with Multiple Cell Producers



Rapid Growth Across High Value Markets

Established Manufacturing Capacity with Footprint Ready to Scale



60,000

Battery pack systems delivered through existing facilities

200⁽¹⁾

Team Members across all locations



300k sq. ft.

of innovation and manufacturing facilities



Ex-Bosch Facility

Acquired ready-to-scale facility

120⁽¹⁾

Battery engineers across all locations



Zero PPM

quality performance for FCA, BMW, Daimler and GM

Key Competencies



Experience with Multiple Chemistries



Battery Pack Design



Thermal Management System



Battery Management System



Testing and Validation



Battery Manufacturing

Manufacturing Facility – Springboro, OH



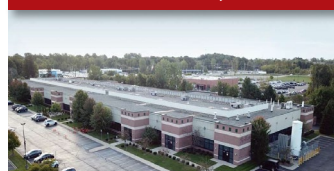
170k sq. ft.
Expandable to 213k

2 GWh
2021 installed capacity

8 GWh
Current building capacity

Innovation Centers

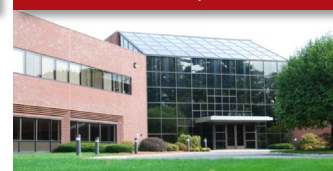
Lake Orion, MI



120k sq. ft.
Engineering, test and validation facility

Pilot line
Flexible semi-automatic prototype build facility

Boston, MA



~16k sq. ft.
ESS design center in MA

ABS Battery Pack Design is Cell Agnostic and Future Proofed

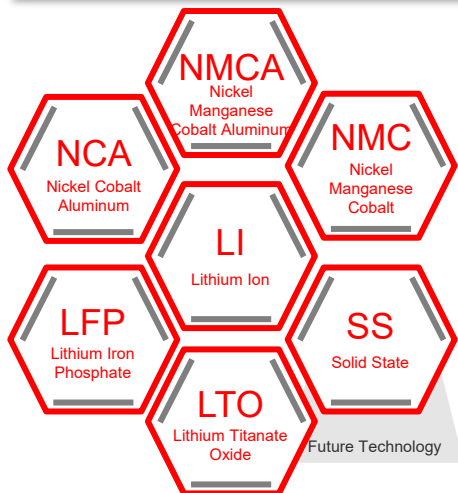
ABS will win in this market regardless of any shifts in cell chemistry and technology.



Cell Chemistry and Geometry has and will Continue to Advance

ABS Integrates Various Chemistries into Battery Packs

ABS Delivers a Product Customized to Customer Specs



Customers Require Flexibility to Integrate Various Cell Types Into Their Battery Systems

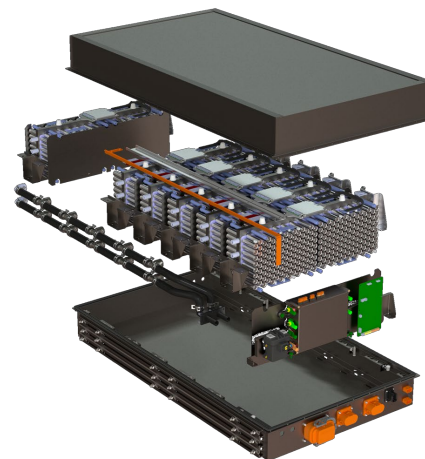
Cylindrical

Prismatic

Pouch



- ABS battery pack solutions are battery cell agnostic
- ABS supports cell chemistry of today and can adapt to evolving chemistry and market dynamics including solid state technology
- Automotive grade system integration know-how is critical regardless of cell chemistries



ABS manufactures several different types of battery packs that are fit for purpose

Modular Designs with Integrated Safety



Multiple Sizes and Widths



- Standard, Off-the-Shelf Products
- Scalable building blocks
- Offer versatility across various uses
- Easy integration without complex battery pack development

Can Work with Pouches, Cylinders or Prizm Cells



- Cell versatility broadens range of battery pack application
- Flexibility allows for cost, temperature or size efficiency, depending on the cell type

Custom Packs



Specific Customer-funded Projects for Development and Manufacturing

Versatile Design Elements Can Enable Applications Across Markets





YOUR BATTERY PARTNER

American Battery Solutions, Inc.

www.americanbatterysolutions.com

info@Americanbatterysolutions.com

John Warner

jwarner@americanbatterysolutions.com