

Lithium Battery Company Sets New Standard for American Manufacturing as Nation's First All-in-One Battery Pack Factory

Pioneering U.S. factory delivers advanced lithium-ion battery packs and is future-ready for next-gen sodium-ion solutions.

TAMPA, FL, UNITED STATES, June 26, 2025 /EINPresswire.com/ -- [Lithium Battery Company](#), a pioneer in advanced lithium battery technology, proudly announces a groundbreaking achievement for U.S. manufacturing: "We are the first factory in the United States capable of producing any type of battery pack—from compact solutions for specialized consumer electronics to massive commercial container energy storage systems—all under one roof." This milestone signals a new era of American innovation, flexibility, and supply chain resilience, as Lithium Battery Company brings high-tech jobs and next-generation battery production back to American soil.

From its newly expanded, state-of-the-art facility in Tampa, Lithium Battery Company is reshoring manufacturing and empowering U.S. OEMs to transition seamlessly from overseas production to fully automated domestic assembly.

At the heart of this transformation is Reshore AI™, Lithium Battery Company's proprietary artificial intelligence platform. Reshore AI leverages advanced analytics to identify and route imports through exclusive logistics channels, minimizing tariff exposure and maximizing duty savings for U.S.-based manufacturing. The system continuously monitors trade policy and tariff schedules, ensuring partners always benefit from the lowest possible landed costs and predictable pricing structures.



CAPABILITY STATEMENT

ABOUT US

Powering Innovation with US Domestic Manufactured Lithium Iron Battery Solutions

Lithium Battery Company is a leading manufacturer of custom lithium battery packs in the United States. We specialize in designing and manufacturing high-performance battery packs for commercial and industrial applications, delivering reliable energy storage solutions that power American businesses.

Lithium Battery Company

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CORPORATE DATA

Unique Entity ID: KTAYRM6TT754
CAGE Code: 73P65
DUNS Number: 079348695

NAICS Codes:

33591	Battery Manufacturing
335911	Storage Battery Manufacturing
335912	Primary Battery Manufacturing
335999	All other Miscellaneous Electrical Equipment and components

KEY PERSONAL

Nathan Staron, Founder | CEO
Jordan Wroblewski, Partner | President
Jarrett Brownfield, Partner | CFO
Nick Powell, Partner | Client Relations
Tanner Hance, Project Management
Kevin Eells, Production Management

Fully automated prismatic and cylindrical battery pack assembly lines enable high-volume, precision manufacturing for a wide range of applications.

“Reshoring is more than a trend—it’s a strategic imperative for American competitiveness,” said Nathan Staron, CEO and Founder of Lithium Battery Company. “With Reshore AI and our fully automated assembly lines, we’re helping U.S. businesses cut costs, reduce lead times, and strengthen their supply chains, all while creating high-tech jobs in Tampa.”

America’s First All-in-One Battery Pack Factory
Lithium Battery Company’s Tampa facility is uniquely engineered for total versatility, making it the only U.S. factory able to manufacture battery packs for:

Consumer Electronics: Power tools, portable medical devices, handheld scanners, drones, wireless communication equipment, and more

Electric Vehicles: Automotive, marine, and recreational vehicles

Industrial Applications: Robotics, backup power, and critical infrastructure

Grid-Scale Energy Storage: Massive commercial and utility container systems

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With Reshore AI and our fully automated assembly lines, we’re helping U.S. businesses cut costs, reduce lead times, and strengthen their supply chains, all while creating high-tech jobs in Tampa.”

Nathan Staron

No other U.S. factory offers this level of flexibility, scalability, and technological sophistication. Whether you need a compact, high-performance pack for a specialized device or a robust, large-format solution for grid energy storage, Lithium Battery Company delivers—with American quality and speed.

[Fully Automated & Future-Ready Battery Pack Manufacturing Solutions](#)

Our Tampa facility features five specialized assembly lines, each designed for maximum flexibility and throughput:



CORE CAPABILITIES

- High-capacity battery pack Manufacturing up to 2 megawatt
- Automated and semi-automated battery pack assembly
- Custom battery pack design and engineering
- Scalable production from small packs to utility-scale systems
- Comprehensive quality control and testing systems
- Advanced safety protocols and procedures

FACILITY SPECIFICATIONS

- 85,000 sq ft modern manufacturing facility
- 5 Specialized Assembly Lines:
 - Fully Automated Large Prismatic Battery Assembly Line
 - Fully Automated Large Cylindrical Battery Assembly Line
 - Fully Automated Small Cylindrical Battery Assembly Line
 - Semi-Automated Prismatic Pack Assembly Line
 - Semi-Automated Cylindrical Pack Assembly Line
- Clean room environment for sensitive components
- Advanced testing and validation laboratory
- Climate-controlled storage facilities
- ESD-protected work areas



PRODUCTION CAPABILITIES

Power Range: From small battery packs to 2 megawatt systems

Multiple Production Lines Supporting:

- Utility-scale energy storage systems
- Industrial power systems
- Commercial energy storage
- Custom high-power applications
- Battery Types and Configurations:

- Large-format prismatic cells
- Large-format cylindrical cells
- Small-format cylindrical cells
- Custom pack configurations

Voltage ranges: 3.7V to 1000V
Capacity range: 1Ah to 2MWh
Custom BMS integration and programming

the lithium battery co.

lithiumbatterycompany.com

Comprehensive battery pack manufacturing capabilities, from custom design and engineering to scalable production and rigorous quality control.

Fully Automated Prismatic Battery Pack Assembly Line: Produces battery packs using 50AH–320AH prismatic cells.

Fully Automated Large Cylindrical Battery Pack Assembly Line: Supports cylindrical 32130/32125/32140/22140/40130/4680 cells for heavy-duty and energy storage applications.

Fully Automated Small Cylindrical Battery Pack Assembly Line: Manufactures packs with 18650/21700/26650/32700 cells, ideal for a wide range of portable and industrial devices.

Semi-Automated Prismatic and Cylindrical Pack Lines: For custom and pilot runs.

Our advanced equipment is also future-ready, engineered to be easily tooled for emerging battery technologies—including sodium-ion battery packs—ensuring our partners remain at the forefront of innovation as the industry evolves.

Each line is equipped with robotic welding, real-time defect detection, cleanroom-ready environments, and end-of-line safety testing. The facility is designed for high-volume throughput—up to 2,000 packs per day—while supporting rapid prototyping and ISO 9001/IATF 16949 certification (in progress).

Driving Economic Growth and American Innovation

Lithium Battery Company's expansion is expected to create 50 new high-tech jobs in Tampa over the next three years, further strengthening the region's role as a hub for renewable energy and advanced manufacturing. By reshoring production, the company estimates up to 20% cost savings compared to overseas manufacturing, thanks to tariff mitigation, reduced shipping costs, and government incentives.

A Trusted Partner for U.S. OEMs


Lithium Battery Company is uniquely positioned to help OEMs and industry partners transition from overseas to domestic, automated battery assembly. From initial consultation to full-scale production, the company delivers scalable, high-output solutions tailored to customer needs—from prototype to mass production.

About Lithium Battery Company

Founded over a decade ago, Lithium Battery Company is committed to powering the future of American industry with cutting-edge lithium battery solutions. The company's mission is to strengthen U.S. manufacturing through innovation, automation, and a relentless focus on

OUR EQUIPMENT

Lithium Battery Company - 50AH-320AH Prismatic Batteries
Fully-Automated Prismatic Battery Pack Assembly Line



Prismatic Cells

Large Battery Module

Residential ESS


Container ESS

+6
Six Axis Welding
For Flexibility And Precision

+250
Battery Packs
Assembled in 1 Day

100%
Fully Automated
Pack Assembly

Lithium Battery Company 32130/32125/32140/22140/40130/4680 Batteries
Fully-Automated Large Cylindrical Battery Pack Assembly Line



Cylindrical Cells

EV Battery Module

Large Battery Module


Residential ESS

+4
Six Axis Welding
For Flexibility And Precision

+330
Battery Packs
Assembled in 1 Day

100%
Fully Automated
Pack Assembly

Lithium Battery Company - Cylindrical 18650/21700/26650/32700 Batteries
Fully-Automated Small Cylindrical Battery Pack Assembly Line



Cylindrical Cells

Small Battery Module

Portable Power Station

Custom Power Solutions

+4
Six Axis Welding
For Flexibility And Precision

+250
Battery Packs
Assembled in 1 Day

100%
Fully Automated
Pack Assembly

the lithium **battery** co. lithiumbatterycompany.com

Automated battery pack assembly solutions and U.S.-based manufacturing expertise for commercial and industrial energy storage.

quality.

Contact:

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Press Inquiries: info@lithiumbatterycompany.com

Discover how Lithium Battery Company and Reshore AI can help your business reshore battery manufacturing—delivering speed, savings, and American-made quality.

[Investment Relations](#)

Pioneering U.S. factory delivers lithium-ion and future sodium-ion battery packs—now open for Investment Relations opportunities.

END

Nathan Staron

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