



## High-Performance Battery Engineering & Scalable U.S. Manufacturing

Re:Build Battery Solutions provides end-to-end battery design, development, and manufacturing services, enabling customers to bring high-quality energy solutions to market efficiently and reliably. As a vertically integrated partner, we combine battery expertise, domestic production capacity, and factory automation to help companies scale faster while reducing costs and complexity. From prototype to high-volume manufacturing, we deliver battery packs, battery management systems, and complete production lines that meet the demands of today's most challenging applications.

### INDUSTRIES SERVED:

- Aerospace & Defense
- Commercial Motive Power
- Stationary Energy Storage (BESS)
- Industrial Equipment
- Factory Buildouts for Battery Manufacturers

### LOCATION:

📍 12th Street, New Kensington  
Advanced Manufacturing Park  
Building 225  
New Kensington, PA 15068



## Core Competencies:

- Battery Pack Design & Development
- Battery Management System (BMS) Design & Development
- Battery Prototyping & Volume Production
- Battery Assembly Line Design, Build, & Integration
- Structural, Thermal, & Electrical Engineering
- Embedded Software & Custom Firmware
- Battery Testing & Validation (Cell to Pack)
- Process Automation & Factory Buildouts
- Design for Manufacturability & Cost Optimization
- Rapid Prototyping & Custom Tooling
- Compliance-Driven Quality & Safety Engineering
- Strategic Sourcing Partnerships with Leading Cell Manufacturers

## KEY APPLICATIONS:

- Drones & UAVs
- Grid Storage Systems
- Data Centers
- Microgrids
- Stationary Energy
- Server UPS
- Electric Vehicles (EVs)
- Defense Systems
- OEM Battery Solutions

## Key Differentiators:

Our fully integrated model, advanced facilities, and expert teams position us to deliver solutions that scale efficiently while meeting rigorous safety, performance, and reliability standards.

- Vertically Integrated Design, Engineering, & Manufacturing
- AS9100-Certified & ITAR-Compliant Facilities
- Prototyping Lab for Accelerated Development
- Embedded Data Collection and Process Monitoring
- Custom BMS Firmware & Manufacturing Software Development
- Advanced Production Infrastructure (Laser Welding, Wire Bonding, 65-Ton Crane, Rail Access, 15MW Power Capacity)
- Scalable Production: From Low-Rate Initial Production to High-Volume Manufacturing
- Dedicated Prototype Development Facility

## Certifications:

- ISO 9001
- AS9100
- ITAR Compliant
- NIST 800-171 Compliant

## CONTACT US OR VISIT OUR WEBSITE:

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