

UPGRADE ENERGY

Company Overview



Mission-Ready UAS Batteries DESIGNED & ASSEMBLED IN THE USA

KEY HIGHLIGHTS

- Gold line delivers 80% more flight time than LiPo and 57% more than traditional Li-ion
- Current output 3,000+ packs per month, scaling to 10,000+ packs per month in the new 18,000 sq. ft. facility
- NDAA-compliant, U.S. sourced battery options support domestic supply chain needs

PRODUCT LINES

Red (High Power / Low Cost)

Delivers rapid bursts of power at lower cost, ideal for FPV and tactical systems where budget matters more than cycle life.

Green (High Endurance / Low Cost)

Optimized blend of energy density, thermal performance, and affordability for Group 1–2 UAS requiring extended flight times within tight budgets.

Gold (Extreme Endurance / Medium Power)

Maximum energy-to-weight ratio for endurance-critical ISR missions, large-area surveys, and payload-heavy platforms.

Smart (Intelligent / Safe)

Variants of Red, Green, and Gold. Advanced design with carbon fiber/Kevlar casing, onboard BMS, and CAN telemetry – scalable, safe, and mission-ready.


GROWTH ROADMAP

- 2025 ● \$6M commercial revenue
- 2026 ● \$15M projected combined revenue
- 2027 ● \$30M projected combined revenue




**High Energy
Density**


**Thermal
Safety**


**Powerful
Performance**

CUSTOM BATTERY ENGINEERING

Design - Tailored pack architectures for voltage, capacity, weight, runtime, and power needs

Thermal - Advanced cooling and heat-management for safety and sustained performance

Power - Efficient, stable power delivery across battery-powered systems

Smart - Custom BMS hardware and firmware with robust protection, precision sensing, onboard diagnostics, and industry-standard communication protocols


Enclosure - Rugged enclosures built for integration, durability, and serviceability


BATTERY CELL PARTNERS

Amprion, Molicel, Lyten, BEI

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