

High-Performance Drone Battery Packs

NDAA COMPLIANT

MANUFACTURED IN THE USA

OPTIMIZED FOR HIGH-PERFORMANCE UAV SYSTEMS

Core Series

Cost-Optimized Power for Scalable UAV Production

The Re:Build Core Series delivers reliable, cost-effective battery performance for high-volume drone manufacturing. Designed for consistency and manufacturability, these packs provide a strong balance of energy and power for general-purpose UAV applications.



Standard 6S3P 13.5 Ah

Cost-optimized, reliable power for high-volume UAV production

- Voltage: 21.6 V
- Capacity: 13.5 Ah
- Max Discharge, Cont. 135 A
- Energy Density: 225 Wh/kg
- Weight: 1295 g
- Balanced energy and power performance



Balanced 6S3P 15 Ah

Balanced performance for general-purpose UAV applications

- Voltage: 21.6 V
- Capacity: 15 Ah
- Max Discharge, Cont. 180 A
- Energy Density: 254 Wh/kg
- Weight: 1276 g
- Higher energy and power performance

Power Series

High-Discharge Performance for Demanding Flight Profiles

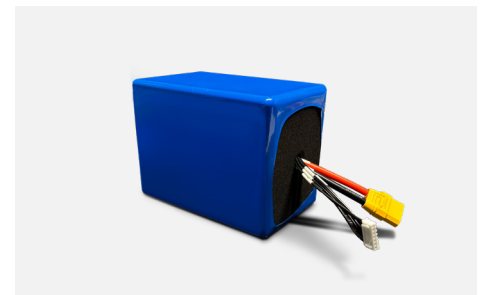
The Re:Build Power Series is engineered for UAV platforms requiring high thrust, heavy payloads, and aggressive flight performance. With elevated discharge capability and stable power delivery under load, these batteries support demanding missions where performance matters most.



High Power 6S3P 18 Ah

High-discharge performance for heavy-lift and high-thrust UAVs

- Voltage: 21.6 V
- Capacity: 18 Ah
- Max Discharge, Cont. 300 A
- Energy Density: 271 Wh/kg
- Weight: 1436 g
- Optimized for thrust and acceleration



Max Power 6S3P 16 Ah

Maximum power output for extreme UAV power platforms

- Voltage: 22.1 V
- Capacity: 15.9 Ah
- Max Discharge, Cont. 477 A
- Energy Density: 145 Wh/kg
- Weight: 2421 g
- Designed for extreme load conditions

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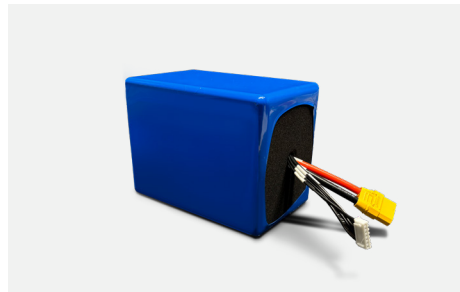
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Performance Series

Extreme Energy and Power Density for Advanced UAVs

The Re:Build Performance Series combines high discharge capability with high energy density, delivering a high-performance and lightweight solution for advanced UAV platforms. Designed for missions that demand both power and endurance, this series provides best-in-class overall performance.



Endurance 6S3P 31.5 Ah

Best-in-class balance of power and energy for versatile UAV performance

- Voltage: 20.7 V
- Capacity: 31.5 Ah
- Max Discharge, Cont. 315 A
- Energy Density: 350 Wh/kg
- Weight: 1862 g
- Extended runtime and high energy density



Performance 6S3P 9 Ah

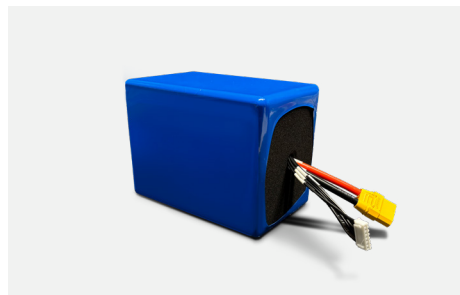
Ultra-high energy for high power delivery and maximum flight performance

- Voltage: 23.2 V
- Capacity: 9.3 Ah
- Max Discharge, Cont. 186 A
- Energy Density: 393 Wh/kg
- Weight: 549 g
- Optimized power-to-weight performance

Energy Series

Extended Flight Time for Endurance-Critical Missions

The Re:Build Energy Series is optimized to maximize flight duration with high energy capacity and efficient power delivery. Ideal for mapping, inspection, and surveillance applications, these batteries enable longer missions and improved operational efficiency.



Extended 6S3P 33 Ah

Optimized for maximum flight duration and operational efficiency

- Voltage: 20.4 V
- Capacity: 33.2 Ah
- Max Discharge, Cont. 166 A
- Energy Density: 336 Wh/kg
- Weight: 2013 g
- Lower discharge, longer runtime

Scalable Battery Platform Architecture

Re:Build battery systems are built on a flexible platform architecture capable of supporting a wide range of series and parallel configurations to meet specific UAV power, endurance, and integration requirements.

Available configurations include:

- 1S–12S+, and custom voltage configurations
- 1P–6P+ parallel architectures
- Custom form factors and flexible connector options
- Optional integrated BMS and smart communication systems