



Re:Build Lithium Ion Battery

MODEL NO: RBBS-6S3P-Li-ion-Drone-Pack



APPLICATIONS

Unmanned Aerial Systems (UAS) - Drones
RC Vehicles
Unmanned Ground Vehicles (UGV)
Mobile Energy Storage
Robotics

AVAILABLE UPGRADES

Hard-case housing
Integrated BMS
Custom connector options
Custom lead length configurations

TECHNICAL DATA

Chemistry	Lithium-ion
Configuration	6S3P (18 cells total)
Cell Type	21700 cells
Weight	50 oz (1,420 g)
Dimensions	6.1 x 2.8 x 2.8 in (155 x 71 x 71 mm)
Nominal Voltage	21.6V
Maximum Voltage	25.2V
Minimum Voltage	18.0V (recommended cutoff)
Capacity	15Ah / 15000mAh
Nominal Energy	324Wh
Max Continuous Discharge	70A
Max Peak Discharge	120A
Max Charge Current	15A (1C)
Cycle Life	Varies per application, usage, and care
BMS	None
Main Lead	Customer-specified (XT90 / AS150 / custom option)
Balance Lead	Standard JST-XH balance connector

Safety Notes: This pack contains no integrated protection circuitry and is intended for controlled applications where charge/discharge management is externally regulated. Use only with compatible chargers and systems capable of monitoring cell voltages individually.

Disclaimer: Re:Build Battery Solutions is not liable for damages arising from use or misuse of this information. Specifications are for descriptive purposes only and subject to change without notice. Testing and validation under actual operating conditions are the responsibility of the end user.