

Hippo Ultra 44.4V 21000mAh 12S Drone Battery Pack 12S5P 420A Disc

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-Ion (Lithium-Ion) Cell Type 21700 (67g per cell)
Nominal Voltage 44.4V (12S) Capacity 21000mAh / 21.0Ah Configuration 12S5P (60 cells total)
Max Continuous Discharge 42A Max Burst Discharge 420A Energy ? 932Wh Weight ? 4.02kg (60 × 67g) Dimensions (L×W×H) Approx. 190mm ×135mm ×95mm Charge Voltage 50.4V (fully charged)
Cut-off Voltage 36.0V (3.0V per cell) Balancer Connector JST-XH (12S) Main Connector XT90 / AS150 / Custom available Cycle Life 300 500+ cycles (with proper care)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 44.4V
Capacity: 21000mAh
Energy: 932Wh
Chemistry: Li-Ion
Maximum / BMS Current: 420A
Cycle Life: 500+ cycles
Charging Voltage: 50.4V
Product Category: 12 Cell Li-ion EFT Agri Drone Battery Pack (44.4V - 50.4V)

PRODUCT DESCRIPTION

Hippo Ultra 44.4V 21000mAh 12S Drone Battery Pack 12S5P 420A Discharge Li-Ion Pro 42A The Hippo Ultra 44.4V 21000mAh 12S5P Li-Ion Drone Battery Pack is designed for high-efficiency, high-load drone systems that require maximum energy and stable output. Powered by 60 premium 21700 Li-Ion Pro 42A cells, this 12S5P configuration delivers 44.4V nominal voltage, 42A continuous, and 420A burst discharge, making it ideal for professional UAVs, including VTOL platforms, fixed-wing drones, heavy-lift multirotors, and autonomous industrial systems. ? Key Features: ? 21000mAh capacity at 44.4V for extended flight endurance ? 420A burst output to handle sudden high-load requirements ? Built with 60 premium 21700 Li-Ion Pro cells (12S5P) ? Supports high-current connectors: XT90 / AS150 ? Built-in safety protections: thermal, over/under-voltage, overcurrent ? Balanced size and weight for professional applications ? Applications: VTOL drones and hybrid aerial platforms Heavy-lift multirotor drones Long-range fixed-wing UAVs LIDAR and high-endurance mapping drones Agricultural and spraying drones Autonomous delivery drones Custom UAV builds requiring high energy density