

Hippo Ultra 51.8V 37800mAh 14S Drone Battery Pack 14S9P 755A Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

? Technical Specifications Specification Details Battery Type Lithium-Ion (Li-Ion Pro 42A)
Nominal Voltage 51.8V (14S) Capacity 37,800mAh (37.8Ah) Configuration 14S9P Continuous
Discharge Approx. 378A (42A ×9) Peak Discharge Up to 755A Charging Voltage 58.8V Balance
Connector JST-XH 14S Power Connector XT90 / AS150 / Custom Dimensions (L×W×H) Approx. 280mm
×100mm ×120mm Weight Approx. 6.2 7.5 kg Operating Temp -10°C to +60°C Cycle Life 300+
cycles (typical use)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8V
Capacity: 37800mAh
Chemistry: Li-Ion
Maximum / BMS Current: 755A
Cycle Life: 300+ cycles
Charging Voltage: 58.8V
Product Category: 14 Cell Li-ion EFT Agri Drone Battery Pack (51.8V - 58.8V)

PRODUCT DESCRIPTION

Hippo Ultra 51.8V 37800mAh 14S Drone Battery Pack 14S9P 755A Discharge Li-Ion Pro 42A The
Hippo Ultra 51.8V 37800mAh 14S9P Li-Ion Drone Battery Pack is engineered for maximum
endurance and power delivery in the most demanding aerial applications. Featuring a 14S9P
configuration, this high-performance battery delivers 51.8V nominal voltage, a massive
37.8Ah capacity, and supports up to 755A peak discharge making it ideal for heavy-lift
UAVs, VTOL drones, agriculture drones, and other industrial or professional drone
operations. Built using Li-Ion Pro 42A high-drain cells, this pack offers superior cycle
life, thermal stability, and energy density all in a rugged and compact design. ? Key
Features ? Ultra-High Capacity: 37,800mAh (37.8Ah) for extended operations ? High Voltage
Output: 51.8V (14S) for efficient drone system integration ? Configuration: 14S9P 14
series, 9 parallel for balanced power ? Extreme Peak Discharge: Up to 755A for
power-demanding missions ? High-Performance Cells: Li-Ion Pro 42A cells for stable output ?
Durable Design: Vibration and impact-resistant casing ? Connectors: XT90, AS150, or
customized options available ? Safe Charging: JST-XH 14S balance connector included ? Smart
BMS (Optional): Enhanced protection & monitoring ? Ideal Applications VTOL and hybrid drones
Heavy-lift and cargo UAVs Agricultural spraying and seeding drones Surveillance, mapping &
inspection drones Aerial cinematography platforms Long-range and endurance UAVs Robotics and
high-power electric mobility