

Hippo pro pack 51.8v 42000mAh 14S Drone battery 14S10P 460 Discha

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion (Molicel P42A 21700) Nominal Voltage 51.8V (14S)
Capacity 42,000mAh / 42.0Ah Configuration 14S10P (14 series ×10 parallel) Cell Count 140
cells total Cell Model Molicel INR-21700-P42A Continuous Discharge 460A Energy ~2,175Wh
(51.8V ×42.0Ah) Max Charging Voltage 58.8V (4.2V ×14 cells) Discharge Cut-off ~42V (3.0V
per cell recommended) Recommended Charge Rate <= 1C (ideal: 0.5C = ~21A) Weight ~6.9 kg
(approx.) Dimensions 290mm ×140mm ×115mm (approx.) Connector Type Customizable (QS8,
AS150, XT90, etc.)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8v
Capacity: 42000mAh
Energy: 175Wh
Chemistry: Li-ion
Maximum / BMS Current: 460A
Charging Voltage: 58.8V
Product Category: 14 Cell Li-ion EFT Agri Drone Battery Pack (51.8V - 58.8V)

PRODUCT DESCRIPTION

Hippo pro pack 51.8v 42000mAh 14S Drone battery 14S10P 460 Discharge Li-ion P42A Hippo Pro
Pack 51.8V 42000mAh 14S10P Li-ion Battery is a powerhouse for high-performance drone
systems. With 140 premium Molicel P42A 21700 cells, this battery delivers 460A continuous
discharge and over 2.17kWh of reliable energy making it perfect for eVTOL, VTOL, heavy-lift
multirotors, and long-range UAV platforms. If your aerial system demands maximum output with
top-tier safety and efficiency, this is the battery built to deliver. ? Key Features ?
Massive 42,000mAh capacity for longer flights and extended missions ? 460A continuous
discharge for extreme power-hungry propulsion systems ? Built with Molicel P42A known for
high discharge, low internal resistance, and thermal stability ? Operates cooler and more
reliably than traditional LiPo batteries ? 14S10P format ensures balance, performance, and
longevity ? Fully customizable connectors and cabling to fit your UAV system ? Ideal
Applications High-end VTOL and eVTOL aircraft Heavy-lift drones carrying large payloads
Long-range fixed-wing UAVs Commercial delivery drones Experimental electric aviation
prototypes Custom multirotor systems requiring high energy density