

Hippo pack Samsung INR 21700 50S 44.4V 50000mAh 12s10p 450A Dis

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Brand Hippo Pack Cell Type Samsung INR 21700 50S Chemistry Li-ion  
Nominal Voltage 44.4V Capacity 50000mAh (50Ah) Configuration 12S10P Continuous Discharge  
450A Energy Density Very High Best For Agriculture spraying drones, heavy-lift UAVs,  
industrial drones Safety Features Thermal protection, cell balancing, shock-resistant casing  
Connector Options QS8, QS12, AS150, XT90 (customizable)

TECHNICAL SPECIFICATIONS

|                                                                              |
|------------------------------------------------------------------------------|
| Nominal Voltage: 44.4V                                                       |
| Capacity: 50000mAh                                                           |
| Chemistry: Li-ion                                                            |
| Maximum / BMS Current: 450A                                                  |
| Product Category: 12 Cell Li-ion EFT Agri Drone Battery Pack (44.4V - 50.4V) |

PRODUCT DESCRIPTION

The Hippo Pack Samsung INR 21700 50S 44.4V 50000mAh 12S10P Li-ion Agriculture Drone Battery Pack is engineered for extreme power output, long endurance, and professional agricultural UAV performance. Built with original Samsung 21700 50S Grade-A cells, this ultra-high-capacity battery ensures stable voltage, superior thermal management, and consistent power delivery in heavy-duty drone operations. With a massive 50000mAh (50Ah) capacity and powerful 12S10P configuration, this battery pack is ideal for agricultural spraying drones, heavy-lift UAV systems, industrial drones, mapping platforms, and long-range professional missions. Delivering 450A continuous discharge, the Hippo Pack supports large motors, high payloads, and demanding real-world field conditions with zero compromise. The pack features advanced cell balancing, thermal protection circuitry, impact-resistant housing, and premium-grade assembly for maximum safety and durability. ?

Key Features Built with Samsung INR 21700 50S Grade-A high-performance cells Massive 50000mAh (50Ah) capacity for ultra-long operations High-voltage 44.4V (12S) lithium-ion power system Heavy-duty 12S10P configuration for maximum output 450A continuous discharge for extreme UAV performance Ideal for agricultural spraying drones, heavy-lift platforms & industrial UAVs Stable voltage output with high energy density Excellent heat management and long cycle life Rugged, field-ready construction ? Applications Agricultural UAV Operations Large agriculture spraying drones Fertilizer & pesticide spraying systems Plantation & orchard spraying drones Crop monitoring & precision agriculture UAVs Heavy-Lift & Industrial Drones Payload delivery drones High-power hexacopters & octocopters Industrial inspection UAVs Forestry, mining & construction UAVs Mapping, Surveying & Inspection Long-range mapping drones LiDAR-equipped UAV systems Photogrammetry drones Infrastructure inspection (pipeline, powerline, tower) Emergency & Special Operations Search & rescue drones Firefighting support

## PRODUCT DATASHEET

UAVs Disaster management drones Long-duration surveillance platforms R&D & Custom Builds

High-power custom UAV builds Experimental drone platforms Robotics & aerospace research