

Hippo pack Samsung INR 21700 50S 51.8V 5000mAh 14s1p 45A Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion (Lithium-ion) Cell Type Samsung INR 21700 50S
Configuration 14S1P Nominal Voltage 51.8V Capacity 5,000mAh Energy 259Wh Continuous
Discharge Current 45A Peak Discharge Current 50A (short bursts) Charging Voltage 58.8V (max)
Cycle Life 500+ cycles Dimensions 180 ×70 ×60 mm (approx.) Weight 1.2 1.3 kg (approx.)
Connector Type [Specify: XT60 / XT90 / Custom]

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8V
Capacity: 5000mAh
Energy: 259Wh
Chemistry: Li-ion
Maximum / BMS Current: 45A
Cycle Life: 500+ cycles
Charging Voltage: 58.8V
Product Category: 14 Cell Li-ion EFT Agri Drone Battery Pack (51.8V - 58.8V)

PRODUCT DESCRIPTION

The Hippo pack Samsung INR 21700 50S 51.8V 5000mAh 14s1p 45A Discharge Li-ion Agriculture Drone Battery Pack Hippo Pack Samsung 51.8V 5000mAh is built for high-efficiency, lightweight agriculture drones and professional UAVs, delivering reliable and stable power for short to medium-duration missions. Using premium Samsung 21700 50S cells, this battery ensures high energy density, safe operation, and long cycle life. The 14S1P configuration provides 51.8V nominal voltage with a 45A continuous discharge, making it suitable for lightweight to medium-duty agricultural drone operations. ? Key Features ? High Voltage & Moderate Capacity (51.8V, 5,000mAh) ? Optimized for 14S UAV systems. ? Stable Discharge (45A) ? Ideal for lightweight agriculture drones and UAVs. ? Premium Samsung 21700 50S Cells ? Long-lasting, high-quality Li-ion technology. ? Compact & Lightweight Design ? Reduces drone payload weight while maximizing power. ? Integrated Safety Protections ? Overcharge, over-discharge, short-circuit, and thermal protection. ? Agriculture Drone Optimized ? Perfect for spraying, monitoring, and short-duration mapping. ? Long Cycle Life ? Supports 500+ charge cycles with proper maintenance. ? Applications Lightweight agriculture spraying drones Short-duration UAV mapping and monitoring Industrial drones requiring compact, high-voltage batteries Custom UAV projects for agriculture or surveying