

Hippo pack Samsung INR 21700 50S 51.8V 50000mAh 14s10p 450A Dis

SKU / Model: Not specified

PRODUCT OVERVIEW

Parameter Specification Model Name Hippo Pack Samsung INR21700-50S Pack Configuration 14S10P
Nominal Voltage 51.8 V Nominal Capacity 50 Ah (50,000 mAh) Energy (Wh) ? 2,590 Wh Cell Type
Samsung INR21700-50S (5,000 mAh, 9C rated) Continuous Discharge Current 350 A Peak Discharge
Current (10 s) 450 A Recommended Charge Voltage 58.8 V (14 ×4.2 V) Recommended Charge
Current <= 25 A Operating Temp (Discharge) 20 °C to +60 °C Operating Temp (Charge) 0 °C to
+45 °C Storage Temp 10 30 °C (40 60% SoC) Cycle Life 250 300 cycles (@80% DoD) BMS
Protection Over-charge / Over-discharge / Short-circuit / Over-current / Balancing Connector
Type XT90 / AS150 / Anderson Casing Material Industrial ABS Plastic Dimensions (L ×W ×H)
330 mm ×210 mm ×145 mm

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8V
Capacity: 50000mAh
Energy: 590 Wh
Chemistry: Li-ion
Maximum / BMS Current: 450A
Cycle Life: 300 cycles
Charging Voltage: 58.8 V
Product Category: 14 Cell Li-ion EFT Agri Drone Battery Pack (51.8V - 58.8V)

PRODUCT DESCRIPTION

The Hippo Pack 51.8V 50,000mAh 14s10p Li-ion Battery Pack is a premium high-capacity power solution for professional agriculture drones and industrial UAVs requiring maximum flight time and heavy current output.Configured as 14S10P, it uses Samsung INR21700-50S high-discharge cells, delivering 50Ah capacity and up to 450A peak discharge, ideal for extended spraying, seeding, mapping, or heavy-lift operations.Integrated Smart BMS ensures over-voltage, over-current, short-circuit, and thermal protection, while its industrial-grade ABS casing provides durability in harsh field conditions. ? Key Features
Nominal Voltage: 51.8 V (14S configuration) Capacity: 50,000 mAh (50 Ah) Configuration: 14S10P (Samsung 21700 50S cells) Discharge Rate: 350 A continuous / 450 A peak Energy: ? 2,590 Wh BMS: Integrated smart protection system Cycle Life: 250 300 cycles @ 80% DoD Connector: XT90 / AS150 / Anderson (customizable) Casing: Industrial ABS, vibration-resistant High Power Output: Optimized for 52V-class UAV systems ? Applications ? Agriculture Spraying Drones Long-duration spraying ? Seed Sowing Drones Stable heavy-lift performance ? Mapping & Survey Drones Extended endurance for LiDAR, photogrammetry, RTK missions ? Crop Monitoring Drones High runtime for precision imaging ? Heavy-Lift / Logistics UAVs Supports multi-motor heavy-lift drones ? Industrial Robotics &

PRODUCT DATASHEET

DC Equipment 48 52V field tools and UAV devices