

Hippo pro pack 51.8v 29400mAh 14S Drone battery 14S7P 320 Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion (Molicel P42A 21700) Nominal Voltage 51.8V (14S)
Capacity 29,400mAh / 29.4Ah Configuration 14S7P (14 series ×7 parallel) Cell Count 98 cells
total Cell Model Molicel INR-21700-P42A Continuous Discharge 320A Energy ~1,522Wh (51.8V ×
29.4Ah) 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 = ~14.7A) Weight ~4.8 kg (approx.)
Dimensions 250mm ×125mm ×100mm (approx.) Connector Type Customizable (AS150, XT90, QS8,
etc.)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8v
Capacity: 29400mAh
Energy: 522Wh
Chemistry: Li-ion
Maximum / BMS Current: 320A
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 29400mAh 14S Drone battery 14S7P 320 Discharge Li-ion P42A the Hippo
Pro Pack 51.8V 29400mAh 14S7P Li-ion Battery combines high voltage, large capacity, and
extreme discharge capability. Constructed with 98 premium Molicel P42A 21700 cells, this
battery delivers up to 320A continuous discharge and over 1.52kWh of usable energy, making
it a top-tier power source for eVTOL, VTOL, long-range UAVs, and heavy-lift drones. ? Key
Features ? Huge 29,400mAh capacity for longer flight times and heavier payloads ? 320A
continuous discharge supports extreme power demand applications ? Uses Molicel P42A
industry-leading 21700 cell for current output and thermal stability ? Safer and more
efficient than standard LiPo batteries ? 14S7P layout ensures even load distribution and
long cycle life ? Connectors and wire gauge customizable for your airframe ? Ideal
Applications Heavy-lift drones and custom multirotors VTOL and eVTOL aircraft needing
extended endurance Long-range UAVs for delivery, mapping, or surveillance Experimental
electric aviation projects Any drone platform requiring over 1.5kWh of safe, portable energy