

Hippo pro pack 51.8v 16800mAh 14S Drone battery 14S4P 184 Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion (Molicel P42A 21700) Nominal Voltage 51.8V (14S)
Capacity 16,800mAh / 16.8Ah Configuration 14S4P (14 series ×4 parallel) Cell Count 56 cells
total Cell Model Molicel INR-21700-P42A Continuous Discharge Up to 184A Energy ~870Wh (51.8V
×16.8Ah) 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 = ~8.4A) Weight ~2.8 kg (approx.)
Dimensions 220mm ×100mm ×85mm (approx.) Connector Type Customizable (XT90, AS150, QS8,
etc.)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8v
Capacity: 16800mAh
Energy: 870Wh
Chemistry: Li-ion
Maximum / BMS Current: 184A
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 16800mAh 14S Drone battery 14S4P 184 Discharge Li-ion P42A the Hippo
Pro Pack 51.8V 16800mAh 14S4P Li-ion Battery delivers the perfect balance of voltage,
current, and capacity. Assembled with 56 premium Molicel P42A 21700 cells, this pack outputs
184A continuous discharge with over 870Wh of usable energy, making it an excellent choice
for UAVs that demand high performance and flight efficiency. ? Key Features ? 51.8V nominal
voltage optimized for high-efficiency flight systems ? 184A continuous discharge ideal
for demanding motors and power-hungry payloads ? Uses Molicel P42A top-tier performance,
thermal safety, and cycle life ? Cooler and more stable operation than traditional LiPo
batteries ? Reliable 14S4P structure for consistent current delivery ? Customizable
connectors and cables available to suit your build ? Ideal Applications VTOL and eVTOL drone
systems Heavy-lift UAVs requiring higher voltage and moderate capacity Long-endurance
mapping/survey drones Industrial drones for inspection, delivery, or agriculture Custom
aerial robotics and electric aviation prototypes