

Hippo pro pack 44.4v 25200mAh 12S Drone battery 12S6P 275 Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion (Molicel P42A 21700) Nominal Voltage 44.4V (12S)
Capacity 25,200mAh / 25.2Ah Configuration 12S6P (12 series ×6 parallel) Cell Count 72 cells
total Cell Model Molicel INR-21700-P42A Continuous Discharge Up to 275A (approx.) Energy
~1,120Wh (44.4V ×25.2Ah) Max Charging Voltage 50.4V (4.2V ×12 cells) Discharge Cut-off
~36V (3.0V per cell recommended) Recommended Charge Rate ≤ 1C (ideal: 0.5C = ~12.6A) Weight
~3.2 kg (approx.) Dimensions 220mm ×110mm ×90mm (approx.) Connector Type [Customizable:
XT90, AS150, etc.]

TECHNICAL SPECIFICATIONS

Nominal Voltage: 44.4v
Capacity: 25200mAh
Energy: 120Wh
Chemistry: Li-ion
Maximum / BMS Current: 275A
Charging Voltage: 50.4V
Product Category: 12 Cell Li-ion EFT Agri Drone Battery Pack (44.4V - 50.4V)

PRODUCT DESCRIPTION

Hippo pro pack 44.4v 25200mAh 12S Drone battery 12S6P 275 Discharge Li-ion P42A the Hippo
Pro Pack 44.4V 25200mAh 12S6P Li-ion Drone Battery. Built with premium Molicel P42A 21700
cells in a 12S6P configuration, this pack delivers a massive 275A continuous discharge
current ideal for heavy-lift multirotors, industrial UAVs, VTOLs, and advanced aerial
platforms requiring high voltage and long flight time. ? Key Features ? Massive 25,200mAh
capacity at 44.4V for extended flight duration ? Ultra-high continuous discharge current of
275A for heavy-lift and high-power drone applications ? Made with top-quality Molicel P42A
21700 lithium-ion cells for safety and longevity ? Superior heat dissipation and longer
cycle life compared to traditional LiPo packs ? Professional 12S6P pack design for balanced
power output and reliability ? Connector and wiring options customizable to your drone setup
? Ideal Applications Heavy-lift industrial and commercial UAVs VTOL and fixed-wing drones
with high power demands Long-endurance mapping, delivery, and survey drones Custom eVTOL and
electric propulsion systems Large multirotor drones requiring high current and capacity