

Hippo pro pack 51.8v 25200mAh 14S Drone battery 14S6P 275 Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion (Molicel P42A 21700) Nominal Voltage 51.8V (14S)
Capacity 25,200mAh / 25.2Ah Configuration 14S6P (14 series ×6 parallel) Cell Count 84 cells
total Cell Model Molicel INR-21700-P42A Continuous Discharge Up to 275A Energy ~1,305Wh
(51.8V ×25.2Ah) 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 = ~12.6A) Weight ~4.2 kg
(approx.) Dimensions 240mm ×120mm ×95mm (approx.) Connector Type Customizable (XT90,
AS150, QS8, etc.)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 51.8v
Capacity: 25200mAh
Energy: 305Wh
Chemistry: Li-ion
Maximum / BMS Current: 275A
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 25200mAh 14S Drone battery 14S6P 275 Discharge Li-ion P42A the Hippo
Pro Pack 51.8V 25200mAh 14S6P Li-ion Drone Battery. Using 84 premium Molicel P42A 21700
cells, this high-performance battery is engineered for heavy-lift drones, VTOL/eVTOL
platforms, and long-range UAVs. With a 275A continuous discharge rate and over 1.3kWh of
energy, it's built to perform in demanding aerial missions. ? Key Features ? Large 25,200mAh
capacity for longer flights and heavier payloads ? 275A continuous discharge for high-thrust
and fast-response systems ? Built with Molicel P42A industry-leading high-performance
Li-ion cell ? Cooler and safer than traditional LiPo batteries ? 14S6P design ensures stable
power output across all cells ? Custom connectors and wiring available to match your
aircraft ? Ideal Applications Long-endurance VTOL and eVTOL drones Heavy-lift UAVs and
mapping platforms Delivery drones requiring long range and high voltage High-power
propulsion prototypes Industrial UAV systems needing high reliability and capacity