

Crocks Pack Molicel INR 21700 P42A 14.8V 4200mAh 4S1P 40A/50A Dis

SKU / Model: Not specified

PRODUCT OVERVIEW

Parameter Specification Configuration 4S1P (4 ×Molicel P42A) Nominal Voltage 14.8 V
Capacity 4200 mAh Continuous Discharge 40 A (design) Peak Discharge ~50 A Cell Model Molicel
INR-21700 P42A Cell Nominal Voltage 3.6 V Cell Capacity 4200 mAh typical Cell Continuous
Discharge (Spec) 45 A Internal Resistance (Cell) ~10 m? AC Cell Dimensions 21.7 mm ×70.2 mm
Cell Weight <= 70 g Estimated Pack Weight ~280 g (approximate, 4 ×~70g) Connectors 4-cell
balance connector + discharge lead

TECHNICAL SPECIFICATIONS

Nominal Voltage: 14.8V
Capacity: 4200mAh
Chemistry: Li-ion
Maximum / BMS Current: 40A
Product Category: 4 Cell Li-ion Drone Battery Pack (14.8V~16.8V), DRONES BATTERIES FOR LONG FPV FLIGHT

PRODUCT DESCRIPTION

The Crocks Pack Molicel INR 21700 P42A 14.8V 4200mAh 4S1P 40A/50A Discharge Li-ion Drone
Battery Pack is a compact and high-performance lithium-ion battery pack tailored for
advanced drone setups and RC applications that need a balanced mix of voltage and endurance.
The pack uses four genuine Molicel P42A 21700 cells, wired in a 4-series configuration, to
deliver a nominal voltage of 14.8 V (4 ×~3.6 V) and a capacity of 4200 mAh Each Molicel
P42A cell is known for its excellent power handling capabilities, with a continuous
discharge rating of 45 A according to its datasheet. To reflect practical pack design and
safety, this 4S pack is rated to reliably support 40 A continuous discharge, with headroom
for up to 50 A peak bursts The Molicel P42A specifications make it a trusted choice: it
features very low internal resistance (about 10 m? AC) a nominal cell voltage of 3.6 V, a
standard full charge voltage of 4.2 V, and a safe cutoff at 2.5 V. Each cell measures 21.7
mm in diameter ×70.2 mm in height and weighs up to 70 g. In the pack, a 4-cell balance
connector allows for safe and even charging of each series cell, while a sturdy discharge
lead handles high current demands. The pack is built with robust internal wiring and
structural support Key Features Nominal Voltage: 14.8 V (4S) Capacity: 4200 mAh Rated
Continuous Discharge: 40 A Peak Discharge: 50 A High-Quality Cells: Uses
Molicel INR-21700 P42A 4200 mAh, 45 A spec Low Internal Resistance: ~10 m? (AC)Safe
Charging: 4-cell balance connector included Compact & Durable Build: Suitable for drone
installations Wide Operating Temperature: 40°C to +60°C (per cell spec) Applications 4S FPV
racing drones Medium-size multirotors / quadcopters Fixed-wing RC aircraft needing higher
voltage DIY drone or UAV projects RC vehicles / robots where 14.8 V helps improve power

efficiency