

Crocks Pack Samsung INR 21700 50S 14.8V 20000mAh 4S4P 180A Discharge

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Li-ion Cell Model Samsung INR21700-50S Nominal Voltage 14.8V (4S) Capacity 20000mAh / 20.0Ah Configuration 4S4P (4 series ×4 parallel) Total Cells 16 Continuous Discharge 180A Peak Discharge ~200A (short bursts) Charging Voltage (Max) 16.8V (4.2V ×4 cells) Cut-off Voltage ~12.0V (3.0V per cell) Chemistry NCA (Nickel Cobalt Aluminum Oxide) Cell Size 21700 (21mm ×70mm) Pack Dimensions ~84mm ×70mm ×84mm (approx., including wrap) Weight ~1080 1100g (approx.) Connector Type Customizable (XT60, XT90, or Anderson)

TECHNICAL SPECIFICATIONS

Nominal Voltage: 14.8V
Capacity: 20000mAh
Energy: 296Wh
Chemistry: Li-ion
Maximum / BMS Current: 180A
Product Category: 4 Cell Li-ion Drone Battery Pack (14.8V~16.8V)

PRODUCT DESCRIPTION

The Crocks Pack Samsung INR 21700 50S 14.8V 20000mAh 4S4P 180A Discharge Li-ion Drone Battery Pack ? Product Overview The Crocks Pack Samsung INR 21700 50S 14.8V 20000mAh 4S4P Battery Pack is engineered for professional UAVs, long-endurance missions, heavy-lift platforms, industrial robotics, VTOL aircraft, and demanding RC systems requiring maximum power, maximum capacity, and extreme discharge performance. Using 100% genuine Samsung 50S cells, this pack delivers exceptional performance: ? Huge 20Ah capacity for long-range & extended flight missions ? 14.8V high voltage output for stable propulsion ? 180A continuous discharge rating ? 296Wh high-energy density ? Excellent thermal stability under load ? Ultra-low resistance pure nickel welding This is one of the most powerful 4S Li-ion battery packs available for drones and professional UAV operators. ? Key Features ? Built with authentic Samsung INR21700 50S cells ? 4S4P structure for maximum power output & flight duration ? 14.8V / 20000mAh high-capacity, long-endurance pack ? 180A continuous discharge ideal for heavy lift motors ? High efficiency, low voltage sag under peak load ? Pure nickel strips (0.2mm) for safe, high-current welding ? Rugged design for UAV, RC, and robotics use ? Long cycle life with stable performance ? Applications Heavy-Lift Cinematic Drones Industrial UAVs & Mapping Systems VTOL Aircraft & Multirotor Platforms Robotics & Professional Automation Long-Range Bomb Drop Systems RC Planes, RC Boats & High-Power Builds Custom Li-ion Battery Projects UAV Payload Delivery Systems ? Why Choose the Samsung 50S 4S4P Pack? The Samsung 50S is renowned as one of the highest-discharge 21700 lithium-ion cells, offering unmatched performance for: High-current propulsion Long-duration flights

PRODUCT DATASHEET

High-thrust & heavy-lift applications Stable voltage under extreme loads Combined with Crocks Pack's precision manufacturing, you get a battery that is: ? Safe ? High performance ? Durable ? Thermally efficient ? Ideal for commercial & industrial UAV missions ? Package Includes 1 x Crocks Pack Samsung INR21700 50S 14.8V 20000mAh 4S4P Battery Pack Pre-welded nickel tab output leads (Optional) XT60/XT90/AS150 connectors Pre-shipment QC test report ? Safety & Handling Charge only using a 4S Li-ion balance charger up to 16.8V. Do not puncture, crush, or expose to flames. Avoid charging above 45°C or below 0°C. Store in a cool, dry location.