

CAT PRO INR 18650 11.1V 2000mAh 1C 3S1P Li-Ion Battery Pack

SKU / Model: Not specified

PRODUCT OVERVIEW

Parameter Specification Product Name CAT PRO INR 3S1P Battery Pack Cell Type Lithium-Ion INR 18650 Nominal Voltage 11.1V Nominal Capacity 2000mAh (2Ah) Configuration 3S1P Discharge Rating 1C (2A Continuous) Peak Discharge Up to 2C (Short Duration) Charging Voltage 12.6V (CC/CV Method) Recommended Cut-off Voltage 8.4V Standard Charge Current 0.5C Max Charge Current 1C Operating Temperature Charge: 0°C to +45°C / Discharge: -20°C to +60°C Cycle Life 500 1000 Cycles (Typical Use) Dimensions (Approx.) 65mm x55mm x20mm Weight (Approx.) ~110 140g

TECHNICAL SPECIFICATIONS

Nominal Voltage: 11.1V
Capacity: 2000mAh
Chemistry: Li-Ion
Maximum / BMS Current: 2A
Cycle Life: 1000 Cycles
Charging Voltage: 12.6V
Product Category: LI-ON (NMC) BATTERY PACK

PRODUCT DESCRIPTION

CAT PRO INR 18650 11.1V 2000mAh 1C 3S1P Li-Ion Battery Pack The CAT PRO INR 18650 11.1V 2000mAh Lithium-Ion Battery Pack (3S1P) is a compact and reliable rechargeable battery pack designed for electronics, robotics, drones, IoT devices, portable equipment, RC models, LED lighting, and backup power systems. Built using high-quality INR cells, this battery provides high energy density, stable performance, and long shelf life, making it ideal for both commercial applications and DIY projects. With a 1C discharge capability, it ensures consistent power delivery without voltage drop issues. ? Key Features ? High-quality INR Lithium-Ion chemistry ? Compact 3S1P configuration (11.1V nominal) ? Stable output with low internal resistance ? Lightweight, long-cycle rechargeable design ? Ideal for robotics, RC hobby, IoT devices, and embedded systems ? Built-in protection required (compatible with 3S BMS) ? Recommended Applications RC Toys, Robotics & Arduino/Raspberry Pi Projects Backup Battery Packs Portable Instruments & Test Equipment CCTV Power Systems LED Light Bars & DIY Electronics DIY Power Projects & Science Education Wireless Sensors & IoT Devices