

BMS Replacement

SKU / Model: Not specified

PRODUCT OVERVIEW

Parameter Requirement Battery Chemistry NMC / Li-ion / LiFePO4 Series Configuration 3S / 4S / 6S / 10S / 13S / 15S etc. Battery Voltage According to battery configuration Continuous Current According to load requirement Charging Current According to charger and battery Port Configuration Common port / Separate port Communication Bluetooth / UART / RS485 / CAN, if required Temperature Sensor NTC, if required Cell Balancing Required according to battery design

TECHNICAL SPECIFICATIONS

Chemistry: NMC
Product Category: BATTERY TESTING SERVICE

PRODUCT DESCRIPTION

BMS Replacement Service is designed to replace a damaged, faulty, or unsuitable Battery Management System SELECT (BMS) in lithium-ion and LiFePO4 battery packs. A properly selected BMS helps protect the battery from overcharging, over-discharging, over-current, short circuits, temperature-related conditions, and cell imbalance. Our service focuses on selecting a compatible BMS and correctly connecting it to the existing battery pack.

Services Lithium-Ion / NMC LiFePO4 3S, 4S, 6S, 7S, 10S, 13S, 14S, 15S and other configurations Normal Smart BMS Bluetooth Common-port BMS Separate charge/discharge-port BMS High-current Temperature-sensor / NTC BMS replacement BMS wiring and balance-wire replacement BMS fault checking and testing

Why Replace the BMS? A BMS may need replacement when: Battery does not charge Battery output is completely off BMS is damaged BMS frequently cuts off the battery Cell balancing is not working correctly Over-current protection activates incorrectly Temperature protection is faulty Bluetooth/smart BMS communication stops working Existing BMS is incorrectly rated for the application

Important simply a plug-and-play component replacement. The replacement BMS must match the battery chemistry, number of series cells, current requirement and wiring configuration. Incorrect BMS wiring can permanently damage the BMS or create a serious battery safety hazard. BMS installation and testing should therefore be performed by a qualified battery technician. BMS selection, battery inspection and wiring, contact LionBattery with details of your battery pack.