



MAXAMPS LFP-Max LITHIUM IRON PHOSPHATE(LiFePO4) BATTERY

MODEL NO: MA-5000-14s-LiFePO4-Pack



CONSUMER APPLICATIONS

- + Robotics
- + Unmanned Aerial Systems (UAS) - Drones
- + RC vehicles

COMMERCIAL & GOVERNMENT APPLICATIONS

- + Unmanned Aerial Systems (UAS) - Drones
- + Unmanned Ground Vehicles (UGV)
- + Robotics
- + Mobile Energy Storage
- + Vehicles

TECHNICAL DATA

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|--------------------------------------|---|
| BATTERY DIMENSIONS | - 148 x 47 x 155mm |
| BATTERY WEIGHT | - 1960g |
| BATTERY CAPACITY @ 0.5C RATE | - 5Ah (5000mAh) |
| VOLTAGE | - 46.2v (NOMINAL/STORAGE) ; 35v (MIN) ; 51.1v (MAX) |
| WATT HOURS | - 231Wh |
| ENERGY DENSITY @ Nominal Voltage | - 118Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 42mΩ |
| STANDARD CHARGE RATE | - 5A (1C MAX) |
| BALANCE CHARGE RATE | - 25A (5C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 65A* |
| MAXIMUM PEAK DISCHARGE | - 500A* |
| CYCLE LIFE | - Varies per application/usage/care |
| OPERATING TEMPERATURE | - 20°C to 60°C |
| STORAGE TEMPERATURE | - 20°C to 45°C |

*Discharging at continuous and peak rates may lower life cycles.

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