



MAXAMPS LFP-Max LITHIUM IRON PHOSPHATE(LiFePO4) BATTERY

MODEL NO: MA-5000-11s-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

BATTERY DIMENSIONS - 148 x 47 x 122mm

BATTERY WEIGHT - 1540g

BATTERY CAPACITY @ 0.5C RATE - 5Ah (5000mAh)

VOLTAGE - 36.3v (NOMINAL/STORAGE) ; 27.5v (MIN) ; 40.15v (MAX)

WATT HOURS - 181.5Wh

ENERGY DENSITY @ Nominal Voltage - 118Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 33mΩ

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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