



# MAXAMPS LFP-Max LITHIUM IRON PHOSPHATE(LiFePO4) BATTERY

MODEL NO: MA-10000-7s2p-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 - 147 x 47 x 155mm
BATTERY WEIGHT - 1960g
BATTERY CAPACITY @ 0.5C RATE - 10Ah (10000mAh)
VOLTAGE - 23.1v (NOMINAL/STORAGE) ; 17.5v (MIN) ; 25.55v (MAX)
WATT HOURS - 231Wh
ENERGY DENSITY @ Nominal Voltage - 118Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 21mΩ
STANDARD CHARGE RATE - 10A (1C MAX)
BALANCE CHARGE RATE - 50A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE - 130A*
MAXIMUM PEAK DISCHARGE - 1000A*
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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