



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

MODEL NO: MA-5000-9s-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 100mm                                     |
| BATTERY WEIGHT                       | - 1260g  |
| BATTERY CAPACITY @ 0.5C RATE         | - 5Ah (5000mAh)  |
| VOLTAGE                              | - 29.7v (NOMINAL/STORAGE) ; 22.5v (MIN) ; 32.85v (MAX) |
| WATT HOURS                           | - 148.5Wh  |
| ENERGY DENSITY @ Nominal Voltage     | - 118Wh/kg   |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 27mΩ   |
| 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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