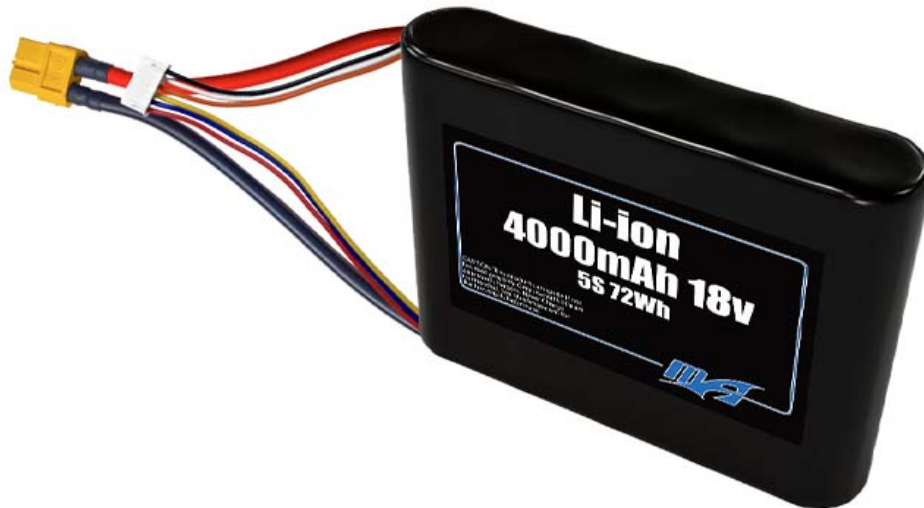




# MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-4000-5s-Li-ion-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                   | - 106 x 22 x 72mm                                     |
| BATTERY WEIGHT                       | - 355g  |
| BATTERY CAPACITY @ 0.5C RATE         | - 4Ah (4000mAh)                                       |
| VOLTAGE                              | - 18v (NOMINAL/STORAGE) ; 12.5v (MIN) ; 21v (MAX)     |
| WATT HOURS                           | - 72Wh  |
| ENERGY DENSITY @ Nominal Voltage     | - 203Wh/kg  |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 15mΩ  |
| STANDARD CHARGE RATE                 | - 2A (0.5C MAX)                                       |
| BALANCE CHARGE RATE                  | - 4A (1C MAX)   |
| MAXIMUM CONTINUOUS DISCHARGE         | - 35A*  |
| MAXIMUM PEAK DISCHARGE               | - 80A*  |
| CYCLE LIFE                           | - Varies per application/usage/care                   |
| CELL TYPE                            | - UNPROTECTED (No PCB), Flat Top Positive Terminal    |
| STORAGE TEMPERATURE                  | - -20°C to 50°C, OPERATING TEMPERATURE: -20°C to 60°C |

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

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