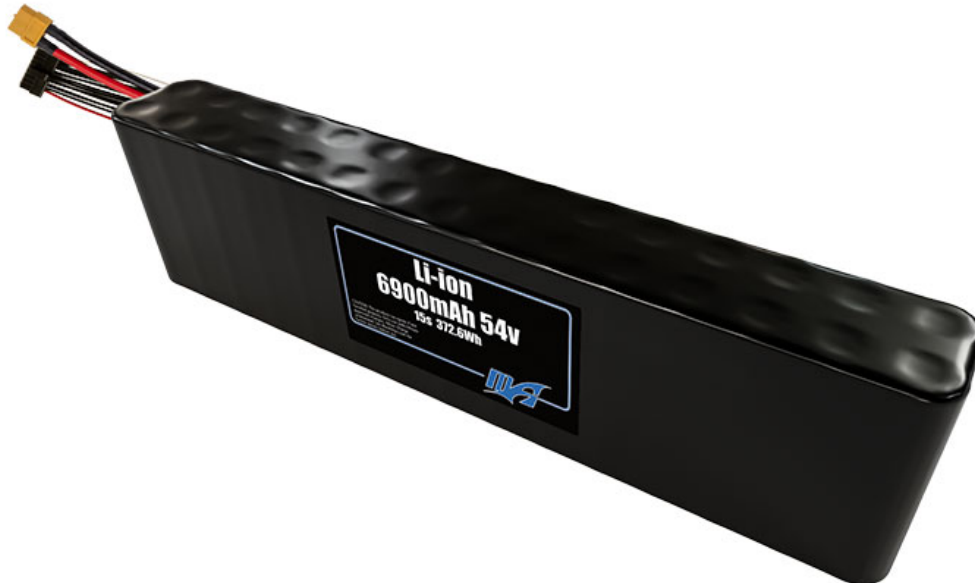




# MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-6900-15s2p-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                   | - 271 x 37 x 67mm                                   |
| BATTERY WEIGHT                       | - 1440g   |
| BATTERY CAPACITY @ 0.5C RATE         | - 6.9Ah (6900mAh)                                   |
| VOLTAGE                              | - 54v (NOMINAL/STORAGE) ; 37.5v (MIN) ; 63v (MAX)   |
| WATT HOURS                           | - 372.6Wh   |
| ENERGY DENSITY @ Nominal Voltage     | - 259Wh/kg  |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 45mΩ  |
| STANDARD CHARGE RATE                 | - 3.45A (0.5C MAX)                                  |
| BALANCE CHARGE RATE                  | - 6.9A (1C MAX)                                     |
| MAXIMUM CONTINUOUS DISCHARGE         | - 20A*  |
| MAXIMUM PEAK DISCHARGE               | - 50A*  |
| 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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