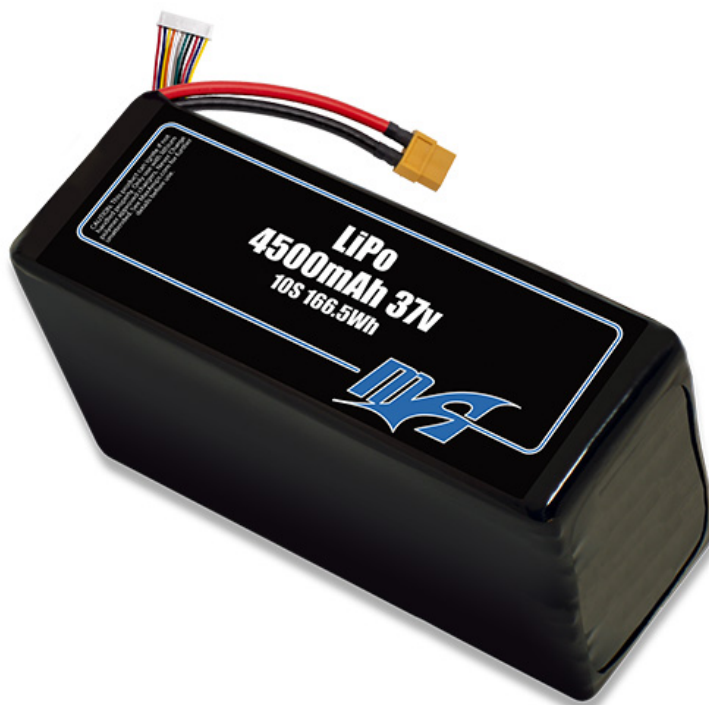




# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-4500-10s-Lipo-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                   | - 162 x 46 x 61mm                               |
| BATTERY WEIGHT                       | - 996g  |
| BATTERY CAPACITY @ 0.5C RATE         | - 4.5Ah (4500mAh)                               |
| VOLTAGE                              | - 37v (NOMINAL/STORAGE) ; 30v (MIN) ; 42v (MAX) |
| WATT HOURS                           | - 166.5Wh                                       |
| ENERGY DENSITY @ Nominal Voltage     | - 167Wh/kg                                      |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 30mΩ  |
| STANDARD CHARGE RATE                 | - 4.5A (1C MAX)                                 |
| BALANCE CHARGE RATE                  | - 22.5A (5C MAX)                                |
| MAXIMUM CONTINUOUS DISCHARGE         | - 103.5A*                                       |
| MAXIMUM PEAK DISCHARGE               | - 450A*   |
| CYCLE LIFE                           | - Varies per application/usage/care             |
| OPERATING TEMPERATURE                | - 0°C to 60°C                                   |
| STORAGE TEMPERATURE                  | - 0°C to 23°C                                   |

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

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For more information on how MaxAmps can assist you with your battery power solution needs, visit us at [www.MaxAmps.com](http://www.MaxAmps.com), email [info@maxamps.com](mailto:info@maxamps.com), or call 509-473-9883.