



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-7500-17s2p-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                   | - 137 x 48 x 239mm                                  |
| BATTERY WEIGHT                       | - 3102g                                             |
| BATTERY CAPACITY @ 0.5C RATE         | - 7.5Ah (7500mAh)                                   |
| VOLTAGE                              | - 62.9v (NOMINAL/STORAGE) ; 51v (MIN) ; 71.4v (MAX) |
| WATT HOURS                           | - 471.75Wh                                          |
| ENERGY DENSITY @ Nominal Voltage     | - 152Wh/kg                                          |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 51mΩ                                              |
| STANDARD CHARGE RATE                 | - 7.5A (1C MAX)                                     |
| BALANCE CHARGE RATE                  | - 37.5A (5C MAX)                                    |
| MAXIMUM CONTINUOUS DISCHARGE         | - 285A*                                             |
| MAXIMUM PEAK DISCHARGE               | - 1312.5A*                                          |
| 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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