



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-5200-4s-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 47 x 37mm                                   |
| BATTERY WEIGHT                       | - 496g  |
| BATTERY CAPACITY @ 0.5C RATE         | - 5.2Ah (5200mAh)                                   |
| VOLTAGE                              | - 14.8v (NOMINAL/STORAGE) ; 12v (MIN) ; 16.8v (MAX) |
| WATT HOURS                           | - 76.96Wh   |
| ENERGY DENSITY @ Nominal Voltage     | - 155Wh/kg  |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 12mΩ  |
| STANDARD CHARGE RATE                 | - 5.2A (1C MAX)                                     |
| BALANCE CHARGE RATE                  | - 26A (5C MAX)                                      |
| MAXIMUM CONTINUOUS DISCHARGE         | - 234A*   |
| MAXIMUM PEAK DISCHARGE               | - 910A*   |
| 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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