



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-2375-15s-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                   | - 85 x 43 x 83.5mm                                |
| BATTERY WEIGHT                       | - 710g  |
| BATTERY CAPACITY @ 0.5C RATE         | - 2.375Ah (2375mAh)                               |
| VOLTAGE                              | - 55.5v (NOMINAL/STORAGE) ; 45v (MIN) ; 63v (MAX) |
| WATT HOURS                           | - 131.8Wh   |
| ENERGY DENSITY @ Nominal Voltage     | - 186Wh/kg  |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 45mΩ  |
| STANDARD CHARGE RATE                 | - 2.375A (1C MAX)                                 |
| BALANCE CHARGE RATE                  | - 11.875A (5C MAX)                                |
| MAXIMUM CONTINUOUS DISCHARGE         | - 49.88A*   |
| MAXIMUM PEAK DISCHARGE               | - 106.875A*                                       |
| 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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