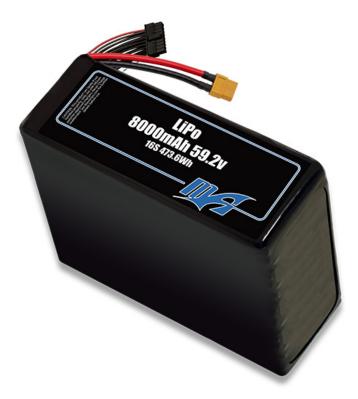


MODEL NO: MA-8000-16s-Lipo-Pack



## CONSUMER APPLICATIONS

## **TECHNICAL DATA**

| + Robotics                               | BATTERY DIMENSIONS - 138 x 50 x 176mm                       |
|------------------------------------------|-------------------------------------------------------------|
| + Unmanned Aerial Systems (UAS) - Drones | BATTERY WEIGHT - 2652g                                      |
| + RC vehicles                            | BATTERY CAPACITY @ 0.5C RATE - 8Ah (8000mAh)                |
|                                          | VOLTAGE - 59.2v (NOMINAL/STORAGE) ; 48v (MIN) ; 67.2v (MAX) |
|                                          | WATT HOURS - 473.6Wh                                        |
| COMMERCIAL & GOVERNMENT APPLICATIONS     | ENERGY DENSITY @ Nominal Voltage - 179Wh/kg                 |
| + Unmanned Aerial Systems (UAS) - Drones | INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 48mΩ                 |
| + Unmanned Ground Vehicles (UGV)         | STANDARD CHARGE RATE - 8A (1C MAX)                          |
| + Robotics                               | BALANCE CHARGE RATE - 40A (5C MAX)                          |
| + Mobile Energy Storage                  | MAXIMUM CONTINUOUS DISCHARGE - 180A*                        |
| + Vehicles                               | MAXIMUM PEAK DISCHARGE - 320A*                              |
|                                          | 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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