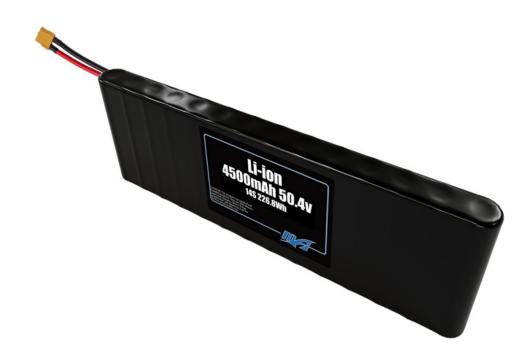


MODEL NO: MA-4500-14s1p-Li-ion-Pack



## **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 - 305 x 22 x 74mm                                     |
|--|
| BATTERY WEIGHT - 980g  |
| BATTERY CAPACITY @ 0.5C RATE - 4.5Ah (4500mAh)                           |
| VOLTAGE -50.4v (NOMINAL/STORAGE) ; 35v (MIN) ; 58.8v (MAX)               |
| WATT HOURS - 226.8Wh   |
| ENERGY DENSITY @ Nominal Voltage - 231Wh/kg                              |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - $42m\Omega$                       |
| STANDARD CHARGE RATE - 2.25A (0.5C MAX)                                  |
| BALANCE CHARGE RATE - 4.5A (1C MAX)                                      |
| MAXIMUM CONTINUOUS DISCHARGE - 45A*                                      |
| MAXIMUM PEAK DISCHARGE - 100A*   |
| CYCLE LIFE - Varies per application/usage/care                           |
| CELL TYPE - UNPROTECTED (No PCB), Flat Top Positive Terminal             |
| STORAGE TEMPERATURE: -20°C to 50°C, OPERATING TEMPERATURE: -20°C to 60°C |

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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, email info@maxamps.com, or call 509-473-9883.

<sup>\*</sup>Discharging at continuous and peak rates may lower life cycles.