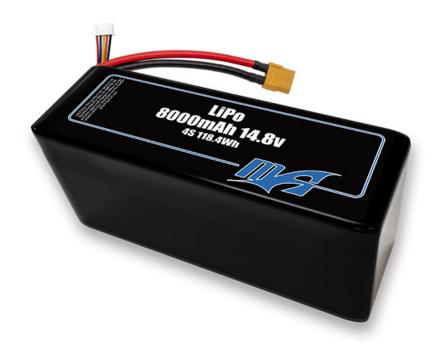


## MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-8000-4s2p-Lipo-Pack



## **CONSUMER APPLICATIONS**

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- + 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 57mm			
BATTERY WEIGHT - 764g			
BATTERY CAPACITY @ 0.5C RATE - 8Ah (8000mAh)			
VOLTAGE - 14.8v (NOMINAL/STORAGE) ; 12v (MIN) ; 16.8v (MAX)			
WATT HOURS - 118.4Wh			
ENERGY DENSITY @ Nominal Voltage - 155Wh/kg			
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - $12m\Omega$			
STANDARD CHARGE RATE - 8A (1C MAX)			
BALANCE CHARGE RATE - 40A (5C MAX)			
MAXIMUM CONTINUOUS DISCHARGE - 256A*			
MAXIMUM PEAK DISCHARGE - 1200A*			
CYCLE LIFE - Varies per application/usage/care			
OPERATING TEMPERATURE - 0°C to 60°C			
STORAGE TEMPERATURE - 0°C to 23°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.