



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-8000-9s-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 - 138 x 50 x 99mm

BATTERY WEIGHT - 1497g

BATTERY CAPACITY @ 0.5C RATE - 8Ah (8000mAh)

VOLTAGE - 33.3v (NOMINAL/STORAGE) ; 27v (MIN) ; 37.8v (MAX)

WATT HOURS - 266.4Wh

ENERGY DENSITY @ Nominal Voltage - 178Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 27mΩ

STANDARD CHARGE RATE - 8A (1C MAX)

BALANCE CHARGE RATE - 40A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 180A\*

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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