



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-8000-6s2p-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 - 137 x 47 x 85mm

BATTERY WEIGHT - 1136g

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

VOLTAGE - 22.2v (NOMINAL/STORAGE) ; 18v (MIN) ; 25.2v (MAX)

WATT HOURS - 177.6Wh

ENERGY DENSITY @ Nominal Voltage - 156Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 18mΩ

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

\*Discharging at continuous and peak rates may lower life cycles.

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