



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-8000-5s-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 55mm

BATTERY WEIGHT - 837g

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

VOLTAGE - 18.5v (NOMINAL/STORAGE); 15v (MIN); 21v (MAX)

WATT HOURS - 148Wh

ENERGY DENSITY @ Nominal Voltage - 177Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 15mΩ

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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