



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-4500-3s-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 - 162 x 46 x 19mm

BATTERY WEIGHT - 324g

BATTERY CAPACITY @ 0.5C RATE - 4.5Ah (4500mAh)

VOLTAGE - 11.1v (NOMINAL/STORAGE) ; 9v (MIN) ; 12.6v (MAX)

WATT HOURS - 49.95Wh

ENERGY DENSITY @ Nominal Voltage - 154Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 9mΩ

STANDARD CHARGE RATE - 4.5A (1C MAX)

BALANCE CHARGE RATE - 22.5A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 103.5A*

MAXIMUM PEAK DISCHARGE - 450A*

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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