



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-4500-14s-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 85mm
- BATTERY WEIGHT - 1380g
- BATTERY CAPACITY @ 0.5C RATE - 4.5Ah (4500mAh)
- VOLTAGE - 51.8v (NOMINAL/STORAGE) ; 42v (MIN) ; 58.8v (MAX)
- WATT HOURS - 233.1Wh
- ENERGY DENSITY @ Nominal Voltage - 169Wh/kg
- INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 42mΩ
- 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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