



# MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-4500-16s-Li-ion-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 - 347 x 22 x 70mm
- BATTERY WEIGHT - 1120g
- BATTERY CAPACITY @ 0.5C RATE - 4Ah (4000mAh)
- VOLTAGE - 57.6v (NOMINAL/STORAGE) ; 40v (MIN) ; 67.2v (MAX)
- WATT HOURS - 259.2Wh
- ENERGY DENSITY @ Nominal Voltage - 231Wh/kg
- INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 48mΩ
- STANDARD CHARGE RATE - 2A (0.5C MAX)
- BALANCE CHARGE RATE - 4A (1C MAX)
- MAXIMUM CONTINUOUS DISCHARGE - 35A
- CELL TYPE - UNPROTECTED (No PCB), Flat Top Positive Terminal
- CYCLE LIFE - Varies per application/usage/care
- OPERATING TEMPERATURE : -20°C to 60°C
- STORAGE TEMPERATURE : -20°C to 50°C

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