



# MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-4500-9s-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	- 190x 22x 74mm
BATTERY WEIGHT	- 630g
BATTERY CAPACITY @ 0.5C RATE	- 4Ah (4000mAh)
VOLTAGE	- 32.4v (NOMINAL/STORAGE) ; 22.5v (MIN) ; 37.8v (MAX)
WATT HOURS	- 145.8 Wh
ENERGY DENSITY @ Nominal Voltage	- 231Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 27mΩ
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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