



# MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-4500-18s-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	- 389 x 22 x 70mm
BATTERY WEIGHT	- 1260g
BATTERY CAPACITY @ 0.5C RATE	- 4Ah (4000mAh)
VOLTAGE	- 64.8v (NOMINAL/STORAGE) ; 45v (MIN) ; 75.6v (MAX)
WATT HOURS	- 291.6Wh
ENERGY DENSITY @ Nominal Voltage	- 231Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 54mΩ
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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