



# MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-18000-8s4p-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 - 169 x 85 x 74mm

BATTERY WEIGHT - 2240g

BATTERY CAPACITY @ 0.5C RATE - 16Ah (16000mAh)

VOLTAGE - 28.8v (NOMINAL/STORAGE) ; 20v (MIN) ; 33.6v (MAX)

WATT HOURS - 518.4Wh

ENERGY DENSITY @ Nominal Voltage - 231Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 24mΩ

STANDARD CHARGE RATE - 8A (0.5C MAX)

BALANCE CHARGE RATE - 16A (1C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 140A

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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