



# 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	- 18Ah (18000mAh)
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	- 9A (0.5C MAX)
BALANCE CHARGE RATE	- 18A (1C MAX)
MAXIMUM CONTINUOUS DISCHARGE	- 180A*
MAXIMUM PEAK DISCHARGE	- 400A*
CYCLE LIFE	- Varies per application/usage/care
CELL TYPE	- UNPROTECTED (No PCB), Flat Top Positive Terminal
STORAGE TEMPERATURE	- -20°C to 50°C, OPERATING TEMPERATURE: -20°C to 60°C

\*Discharging at continuous and peak rates may lower life cycles.

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