



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-1850-5s-Lipo-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 - 80 x 32 x 31mm

BATTERY WEIGHT - 198g

BATTERY CAPACITY @ 0.5C RATE - 1.85Ah (1850mAh)

VOLTAGE - 18.5v (NOMINAL/STORAGE); 15v (MIN); 21v (MAX)

WATT HOURS - 34.23Wh

ENERGY DENSITY @ Nominal Voltage - 173Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 15mΩ

STANDARD CHARGE RATE - 1.85A (1C MAX)

BALANCE CHARGE RATE - 9.25A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 42.55A\*

MAXIMUM PEAK DISCHARGE - 185A\*

CYCLE LIFE - Varies per application/usage/care

OPERATING TEMPERATURE - 0°C to 60°C

STORAGE TEMPERATURE - 0°C to 23°C

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

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