



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-1850-13s-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 79mm
- BATTERY WEIGHT - 494g
- BATTERY CAPACITY @ 0.5C RATE - 1.85Ah (1850mAh)
- VOLTAGE - 48.1v (NOMINAL/STORAGE) ; 39v (MIN) ; 54.6v (MAX)
- WATT HOURS - 88.99Wh
- ENERGY DENSITY @ Nominal Voltage - 180Wh/kg
- INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 39mΩ
- 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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