



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-31000-10s-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 - 187 x 136 x 111mm

BATTERY WEIGHT - 5584g

BATTERY CAPACITY @ 0.5C RATE - 31Ah (31000mAh)

VOLTAGE - 37v (NOMINAL/STORAGE) ; 30v (MIN) ; 42v (MAX)

WATT HOURS - 1147Wh

ENERGY DENSITY @ Nominal Voltage - 205Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 30mΩ

STANDARD CHARGE RATE - 31A (1C MAX)

BALANCE CHARGE RATE - 155A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 348.75A\*

MAXIMUM PEAK DISCHARGE - 775A\*

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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