



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-1450-12s-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 - 68 x 37 x 109mm

BATTERY WEIGHT - 564g

BATTERY CAPACITY @ 0.5C RATE - 1.45Ah (1450mAh)

VOLTAGE - 44.4v (NOMINAL/STORAGE) ; 36v (MIN) ; 50.4v (MAX)

WATT HOURS - 64.38Wh

ENERGY DENSITY @ Nominal Voltage - 114Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 36mΩ

STANDARD CHARGE RATE - 1.45A (1C MAX)

BALANCE CHARGE RATE - 7.25A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 72.5A\*

MAXIMUM PEAK DISCHARGE - 253.8A\*

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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