



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-5450-7s-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 - 137 x 47 x 64mm

BATTERY WEIGHT - 806g

BATTERY CAPACITY @ 0.5C RATE - 5.45Ah (5450mAh)

VOLTAGE - 25.9v (NOMINAL/STORAGE) ; 21v (MIN) ; 29.4v (MAX)

WATT HOURS - 141.2Wh

ENERGY DENSITY @ Nominal Voltage - 175Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 21mΩ

STANDARD CHARGE RATE - 5.45A (1C MAX)

BALANCE CHARGE RATE - 27.25A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 163.5A\*

MAXIMUM PEAK DISCHARGE - 654A\*

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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