



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-5200-6s-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 - 144 x 45 x 55.5mm
- BATTERY WEIGHT - 746g
- BATTERY CAPACITY @ 0.5C RATE - 5.2Ah (5200mAh)
- VOLTAGE - 22.2v (NOMINAL/STORAGE) ; 18v (MIN) ; 25.2v (MAX)
- WATT HOURS - 115.44Wh
- ENERGY DENSITY @ Nominal Voltage - 157Wh/kg
- INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 18mΩ
- STANDARD CHARGE RATE - 5.2A (1C MAX)
- BALANCE CHARGE RATE - 26A (5C MAX)
- MAXIMUM CONTINUOUS DISCHARGE - 227.5A (43.75C)
- MAXIMUM PEAK DISCHARGE - 910A (175C)
- CYCLE LIFE - Varies per application/usage/care
- OPERATING TEMPERATURE - 0°C to 60°C
- STORAGE TEMPERATURE - 0°C to 23°C

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