



# MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-11000-12s-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	- 164 x 59 x 121mm
BATTERY WEIGHT	- 2540g
BATTERY CAPACITY @ 0.5C RATE	- 11Ah (11000mAh)
VOLTAGE	- 44.4v (NOMINAL/STORAGE) ; 36v (MIN) ; 50.4v (MAX)
WATT HOURS	- 488.4Wh
ENERGY DENSITY @ Nominal Voltage	- 193Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 36mΩ
STANDARD CHARGE RATE	- 11A (1C MAX)
BALANCE CHARGE RATE	- 55A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE	- 110A (10C)
MAXIMUM PEAK DISCHARGE	- 440A (40C)
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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