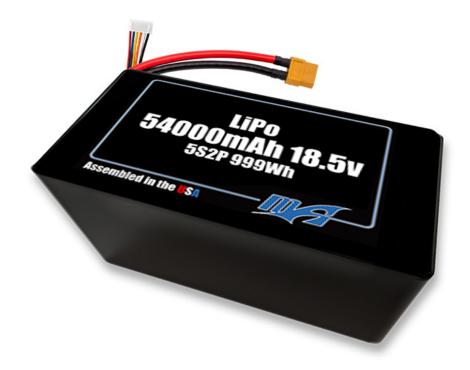


## MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-54000-5s2p-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 - 190 x 89 x 111mm
BATTERY WEIGHT - 4380g
BATTERY CAPACITY @ 0.5C RATE - 54Ah (54000mAh)
VOLTAGE - 18.5v (NOMINAL/STORAGE) ; 15v (MIN) ; 21v (MAX)
WATT HOURS - 999Wh
ENERGY DENSITY @ Nominal Voltage - 228Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - $15m\Omega$
STANDARD CHARGE RATE - 54A (1C MAX)
BALANCE CHARGE RATE - 270A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE - 270A*
MAXIMUM PEAK DISCHARGE - 810A*
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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For more information on how MaxAmps can assist you with your battery power solution needs, visit us at www.MaxAmps.com, email info@maxamps.com, or call 509-473-9883.

<sup>\*</sup>Discharging at continuous and peak rates may lower life cycles.