



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-27000-5s-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 56mm

BATTERY WEIGHT - 2190g

BATTERY CAPACITY @ 0.5C RATE - 27Ah (27000mAh)

VOLTAGE - 18.5v (NOMINAL/STORAGE); 15v (MIN); 21v (MAX)

WATT HOURS - 499.5Wh

ENERGY DENSITY @ Nominal Voltage - 228Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 15mΩ

STANDARD CHARGE RATE - 27A (1C MAX)

BALANCE CHARGE RATE - 135A (5C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 135A*

MAXIMUM PEAK DISCHARGE - 405A*

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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