

MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-8000-13s-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 - 138 x 50 x 143mm
BATTERY WEIGHT - 2157g
BATTERY CAPACITY @ 0.5C RATE - 8Ah (8000mAh)
VOLTAGE - 48.1v (NOMINAL/STORAGE) ; 39v (MIN) ; 54.6v (MAX)
WATT HOURS - 384.8Wh
ENERGY DENSITY @ Nominal Voltage - 178Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - $39m\Omega$
STANDARD CHARGE RATE - 8A (1C MAX)
BALANCE CHARGE RATE - 40A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE - 180A*
MAXIMUM PEAK DISCHARGE - 320A*
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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