

MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-4000-6s-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 - 137 x 47 x 43mm

MAXIMUM PEAK DISCHARGE - 600A*

CYCLE LIFE - Varies per application/usage/care

OPERATING TEMPERATURE - 0°C to 60°C

STORAGE TEMPERATURE - 0°C to 23°C

BATTERY WEIGHT - 573g
BATTERY CAPACITY @ 0.5C RATE - 4Ah (4000mAh)
VOLTAGE - 22.2v (NOMINAL/STORAGE) ; 18v (MIN) ; 25.2v (MAX)
WATT HOURS - 88.8Wh
ENERGY DENSITY @ Nominal Voltage - 155Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 18mΩ
STANDARD CHARGE RATE - 4A (1C MAX)
BALANCE CHARGE RATE - 20A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE - 128A*

*Discharging at continuous and peak rates may lower life cycles.

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