



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-30000-15S6P-Li-ion-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 - 316 x 127 x 75mm

BATTERY WEIGHT - 6436g

BATTERY CAPACITY @ 0.5C RATE - 30Ah (30000mAh)

VOLTAGE - 54v (NOMINAL/STORAGE) ; 37.5v (MIN) ; 63v (MAX)

WATT HOURS - 1665Wh

ENERGY DENSITY @ Nominal Voltage - 250Wh/kg

INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 42mΩ

STANDARD CHARGE RATE - 12.5A (0.5C MAX)

BALANCE CHARGE RATE - 30A (1C MAX)

MAXIMUM CONTINUOUS DISCHARGE - 150A*

MAXIMUM PEAK DISCHARGE - 300A*

CYCLE LIFE - Varies per application/usage/care

CELL TYPE - UNPROTECTED (No PCB), Flat Top Positive Terminal

STORAGE TEMPERATURE: -20°C to 50°C, OPERATING TEMPERATURE: -20°C to 60°C

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

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