



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-5000-11s-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	- 232 x 22 x 74mm
BATTERY WEIGHT	- 792g
BATTERY CAPACITY @ 0.5C RATE	- 5Ah (5000mAh)
VOLTAGE	- 39.6v (NOMINAL/STORAGE) ; 27.5v (MIN) ; 46.2v (MAX)
WATT HOURS	- 198Wh
ENERGY DENSITY @ Nominal Voltage	- 250Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 33mΩ
STANDARD CHARGE RATE	- 2.5A (0.5C MAX)
BALANCE CHARGE RATE	- 5A (1C MAX)
MAXIMUM CONTINUOUS DISCHARGE	- 25A*
MAXIMUM PEAK DISCHARGE	- 80A*
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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