



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-11200-7s4p-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 - 127 x 73 x 64mm
BATTERY WEIGHT - 1344g
BATTERY CAPACITY @ 0.5C RATE - 11.2Ah (11200mAh)
VOLTAGE - 25.2v (NOMINAL/STORAGE) ; 17.5v (MIN) ; 29.4v (MAX)
WATT HOURS - 282.24Wh
ENERGY DENSITY @ Nominal Voltage - 210Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 21mΩ
STANDARD CHARGE RATE - 5.6A (0.5C MAX)
BALANCE CHARGE RATE - 11.2A (1C MAX)
MAXIMUM CONTINUOUS DISCHARGE - 120A*
MAXIMUM PEAK DISCHARGE - 200A*
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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