



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-13800-1s4p-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

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|--------------------------------------|---|
| BATTERY DIMENSIONS | - 19 x 73 x 67mm |
| BATTERY WEIGHT | - 192g |
| BATTERY CAPACITY @ 0.5C RATE | - 13.8Ah (13800mAh) |
| VOLTAGE | - 3.6v (NOMINAL/STORAGE) ; 2.5v (MIN) ; 4.2v (MAX) |
| WATT HOURS | - 49.68Wh |
| ENERGY DENSITY @ Nominal Voltage | - 259Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 3mΩ |
| STANDARD CHARGE RATE | - 6.9A (0.5C MAX) |
| BALANCE CHARGE RATE | - 13.8A (1C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 40A* |
| MAXIMUM PEAK DISCHARGE | - 100A* |
| 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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