



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-1850-16s-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

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|--------------------------------------|---|
| BATTERY DIMENSIONS | - 80 x 32 x 97mm |
| BATTERY WEIGHT | - 605g |
| BATTERY CAPACITY @ 0.5C RATE | - 1.85Ah (1850mAh) |
| VOLTAGE | - 59.2v (NOMINAL/STORAGE) ; 48v (MIN) ; 67.2v (MAX) |
| WATT HOURS | - 109.5Wh |
| ENERGY DENSITY @ Nominal Voltage | - 181Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 48mΩ |
| STANDARD CHARGE RATE | - 1.85A (1C MAX) |
| BALANCE CHARGE RATE | - 9.25A (5C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 42.55A* |
| MAXIMUM PEAK DISCHARGE | - 185A* |
| CYCLE LIFE | - Varies per application/usage/care |
| OPERATING TEMPERATURE | - 0°C to 60°C |
| STORAGE TEMPERATURE | - 0°C to 23°C |

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

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