



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-430-11s-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 | - 51.5mm x 32.5mm x 45mm |
| BATTERY WEIGHT | - 135g |
| BATTERY CAPACITY @ 0.5C RATE | - .43Ah (430mAh) |
| VOLTAGE | - 40.7v (NOMINAL/STORAGE) ; 33v (MIN) ; 46.2v (MAX) |
| WATT HOURS | - 17.50Wh |
| ENERGY DENSITY @ Nominal Voltage | - 130Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 33mΩ |
| STANDARD CHARGE RATE | - .43A (1C MAX) |
| BALANCE CHARGE RATE | - 2.15A (5C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 15.05A* |
| MAXIMUM PEAK DISCHARGE | - 43A* |
| 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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