



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-1050-15s-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 | - 69mm x 35mm x 91mm |
| BATTERY WEIGHT | - 432g |
| BATTERY CAPACITY @ 0.5C RATE | - 1.05Ah (1050mAh) |
| VOLTAGE | - 55.5v (NOMINAL/STORAGE) ; 45v (MIN) ; 63v (MAX) |
| WATT HOURS | - 58.28Wh |
| ENERGY DENSITY @ Nominal Voltage | - 135Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 45mΩ |
| STANDARD CHARGE RATE | - 1.05A (1C MAX) |
| BALANCE CHARGE RATE | - 5.25A (5C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 52.5A* |
| MAXIMUM PEAK DISCHARGE | - 183.75A* |
| 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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