



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-27000-1s-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 | - 190 x 89 x 12mm |
| BATTERY WEIGHT | - 438g |
| BATTERY CAPACITY @ 0.5C RATE | - 27Ah (27000mAh) |
| VOLTAGE | - 3.7v (NOMINAL/STORAGE) ; 3v (MIN) ; 4.2v (MAX) |
| WATT HOURS | - 99.9Wh |
| ENERGY DENSITY @ Nominal Voltage | - 228Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 3mΩ |
| STANDARD CHARGE RATE | - 27A (1C MAX) |
| BALANCE CHARGE RATE | - 115A (5C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 143.75A* |
| MAXIMUM PEAK DISCHARGE | - 405A* |
| 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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