



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-35000-14s7p-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 | - 295 x 148 x 72mm |
| BATTERY WEIGHT | - 6762g |
| BATTERY CAPACITY @ 0.5C RATE | - 35Ah (35000mAh) |
| VOLTAGE | - 50.4v (NOMINAL/STORAGE) ; 35v (MIN) ; 58.8v (MAX) |
| WATT HOURS | - 1764Wh |
| ENERGY DENSITY @ Nominal Voltage | - 261Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 42mΩ |
| STANDARD CHARGE RATE | - 17.5A (0.5C MAX) |
| BALANCE CHARGE RATE | - 35A (1C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 175A* |
| MAXIMUM PEAK DISCHARGE | - 560A* |
| 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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