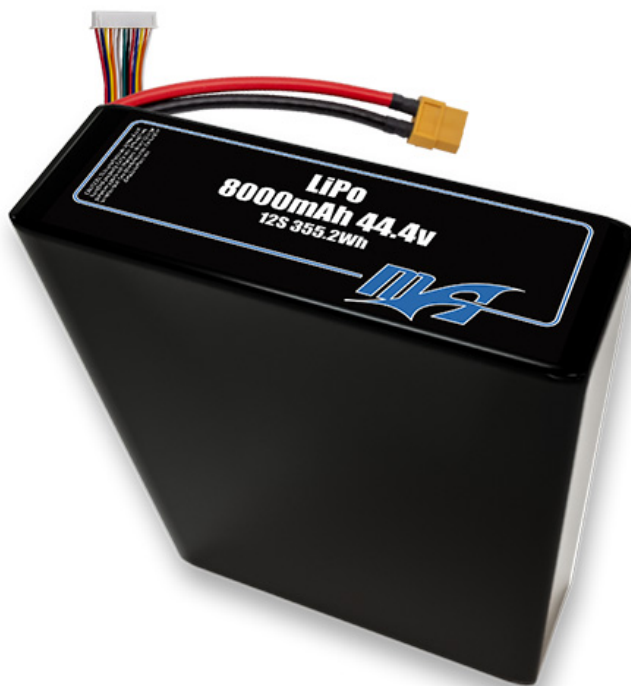




MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-8000-12s2p-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

| | |
|--------------------------------------|---|
| BATTERY DIMENSIONS | - 137 x 47 x 169mm |
| BATTERY WEIGHT | - 2252g |
| BATTERY CAPACITY @ 0.5C RATE | - 8Ah (8000mAh) |
| VOLTAGE | - 44.4v (NOMINAL/STORAGE) ; 36v (MIN) ; 50.4v (MAX) |
| WATT HOURS | - 355.2Wh |
| ENERGY DENSITY @ Nominal Voltage | - 158Wh/kg |
| INTERNAL IMPEDANCE (1KHZ AC TYPICAL) | - 36mΩ |
| STANDARD CHARGE RATE | - 8A (1C MAX) |
| BALANCE CHARGE RATE | - 40A (5C MAX) |
| MAXIMUM CONTINUOUS DISCHARGE | - 256A* |
| MAXIMUM PEAK DISCHARGE | - 1200A* |
| 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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For more information on how MaxAmps can assist you with your battery power solution needs, visit us at www.MaxAmps.com, email info@maxamps.com, or call 509-473-9883.