



MAXAMPS LITHIUM ION POLYMER(LiPo) BATTERY

MODEL NO: MA-5450-6s-Modular-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 45 x 54mm
BATTERY WEIGHT	- 693g
BATTERY CAPACITY @ 0.5C RATE	- 5.45Ah (5450mAh)
VOLTAGE	- 22.2v (NOMINAL/STORAGE); 18v (MIN); 25.2v (MAX)
WATT HOURS	- 121Wh
ENERGY DENSITY @ Nominal Voltage	- 175Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 18mΩ
STANDARD CHARGE RATE	- 5.45A (1C MAX)
BALANCE CHARGE RATE	- 27.25A (5C MAX)
MAXIMUM CONTINUOUS DISCHARGE	- 163.5A (30C)
MAXIMUM PEAK DISCHARGE	- 654A (120C)
CYCLE LIFE	- Varies per application/usage/care
OPERATING TEMPERATURE	- 0°C to 60°C
STORAGE TEMPERATURE	- 0°C to 23°C

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