



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-28000-6s8p-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

BATTERY DIMENSIONS	- 208 x 110 x 53mm
BATTERY WEIGHT	- 2450g
BATTERY CAPACITY @ 0.5C RATE	- 28Ah (28000mAh)
VOLTAGE	- 21.6v (NOMINAL/STORAGE); 15v (MIN); 25.2v (MAX)
WATT HOURS	- 621.6Wh
ENERGY DENSITY @ Nominal Voltage	- 254Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 18mΩ
STANDARD CHARGE RATE	- 14A (0.5C MAX)
BALANCE CHARGE RATE	- 28A (1C MAX)
MAXIMUM CONTINUOUS DISCHARGE	- 80A*
MAXIMUM PEAK DISCHARGE	- 200A*
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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