



MAXAMPS LITHIUM ION BATTERY

MODEL NO: MA-2800-2s-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	- 37 x 19 x 67mm
BATTERY WEIGHT	- 96g
BATTERY CAPACITY @ 0.5C RATE	- 2.8Ah (2800mAh)
VOLTAGE	- 7.2v (NOMINAL/STORAGE) ; 5v (MIN) ; 8.4v (MAX)
WATT HOURS	- 20.16Wh
ENERGY DENSITY @ Nominal Voltage	- 195Wh/kg
INTERNAL IMPEDANCE (1KHZ AC TYPICAL)	- 6mΩ
STANDARD CHARGE RATE	- 1.3A (0.5C MAX)
BALANCE CHARGE RATE	- 2.8A (1C MAX)
MAXIMUM CONTINUOUS DISCHARGE	- 30A*
MAXIMUM PEAK DISCHARGE	- 75.4A*
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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