

MODEL NO: MA-5200-14s-Lipo-Pack



## CONSUMER APPLICATIONS

## **TECHNICAL DATA**

+ Robotics	BATTERY DIMENSIONS - 137 x 47 x 127mm
+ Unmanned Aerial Systems (UAS) - Drones	BATTERY WEIGHT - 1696g
+ RC vehicles	BATTERY CAPACITY @ 0.5C RATE - 5.2Ah (5200mAh)
	VOLTAGE - 51.8v (NOMINAL/STORAGE) ; 42v (MIN) ; 58.8v (MAX)
	WATT HOURS - 269.4Wh
COMMERCIAL & GOVERNMENT APPLICATIONS	ENERGY DENSITY @ Nominal Voltage - 159Wh/kg
+ Unmanned Aerial Systems (UAS) - Drones	INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 42mΩ
+ Unmanned Ground Vehicles (UGV)	STANDARD CHARGE RATE - 5.2A (1C MAX)
+ Robotics	BALANCE CHARGE RATE - 26A (5C MAX)
+ Mobile Energy Storage	MAXIMUM CONTINUOUS DISCHARGE - 234A*
+ Vehicles	MAXIMUM PEAK DISCHARGE - 910A*
	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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