

MODEL NO: MA-1050-10s-Lipo-Pack



## CONSUMER APPLICATIONS

## **TECHNICAL DATA**

+ Robotics	BATTERY DIMENSIONS - 69mm x 35mm x 61mm
+ Unmanned Aerial Systems (UAS) - Drones	BATTERY WEIGHT - 292g
+ RC vehicles	BATTERY CAPACITY @ 0.5C RATE - 1.05Ah (1050mAh)
	VOLTAGE - 37v (NOMINAL/STORAGE) ; 30v (MIN) ; 42v (MAX)
	WATT HOURS - 38.85Wh
COMMERCIAL & GOVERNMENT APPLICATIONS	ENERGY DENSITY @ Nominal Voltage - 133Wh/kg
+ Unmanned Aerial Systems (UAS) - Drones	INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 30mΩ
+ Unmanned Ground Vehicles (UGV)	STANDARD CHARGE RATE - 1.05A (1C MAX)
+ Robotics	BALANCE CHARGE RATE - 5.25A (5C MAX)
+ Mobile Energy Storage	MAXIMUM CONTINUOUS DISCHARGE - 52.5A*
+ Vehicles	MAXIMUM PEAK DISCHARGE - 183.75A*
	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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