MAXAMPS LITHIUM ION POLYMER(LIPO) BATTERY

MODEL NO: MA-4750-14s2p-Lipo-Pack



CONSUMER APPLICATIONS

TECHNICAL DATA

+ Robotics	BATTERY DIMENSIONS - 85 x 43 x 155mm
+ Unmanned Aerial Systems (UAS) - Drones	BATTERY WEIGHT - 1308g
+ RC vehicles	BATTERY CAPACITY @ 0.5C RATE - 4.75Ah (4750mAh)
	VOLTAGE - 51.8v (NOMINAL/STORAGE) ; 42v (MIN) ; 58.8v (MAX)
	WATT HOURS - 246.1Wh
COMMERCIAL & GOVERNMENT APPLICATIONS	ENERGY DENSITY @ Nominal Voltage - 188Wh/kg
+ Unmanned Aerial Systems (UAS) - Drones	INTERNAL IMPEDANCE (1KHZ AC TYPICAL) - 42mΩ
+ Unmanned Ground Vehicles (UGV)	STANDARD CHARGE RATE - 4.75A (1C MAX)
+ Robotics	BALANCE CHARGE RATE - 23.75A (5C MAX)
+ Mobile Energy Storage	MAXIMUM CONTINUOUS DISCHARGE - 99.76A*
+ Vehicles	MAXIMUM PEAK DISCHARGE - 213.75A*
	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.

MaxAmps is not liable for damages that may result from any information provided in or omitted from this publication, under any circumstances. The data in this document is for descriptive purposes only and is not intended to make or imply any guarantee or warranty. MaxAmps reserves the right to make adjustments to this publication at any time, without notice or obligation.

For more information on how MaxAmps can assist you with your battery power solution needs, visit us at www.MaxAmps.com, email info@maxamps.com, or call 509-473-9883.