



# HAWKER®

## Headlines

Fall 2013 edition

### Quick Tips!

**Not all chargers are equal.** While **no specific brand** of charger is required when charging a Hawker® battery, you must ensure that the charger is compatible with the AGM-style of lead-acid batteries. Under most circumstances, **if you are charging a single 12-volt battery** (or multiple batteries in a 12-volt parallel system) you must insure that the charger does not provide more than 15 volts. **If you are charging in a 24-volt series** (or 24-volt series-parallel system) the charger cannot provide more than 30 volts. Otherwise, you can overheat and potentially damage the battery. **Here's how to check** if your charger is safe to use...(1) connect the charger to the battery using the charger's alligator clamps, (2) turn on the charger, (3) make contact with the alligator clamps using a multimeter...so long as **the charger's output voltage** doesn't exceed **15 volts on the 12-volt setting or 30 volts on the 24-volt setting**, you should be good-to-go. **Note: many chargers have multiple settings (low, med, high)...you must test each setting you intend to use...after all, it's a different setting!**

### Answer to question from last issue:

**Can I accurately test my Hawker® when its connected in series-parallel?** No...because multimeters, load-testers, and conductance analyzers will read across the parallel connection. Therefore, you must **disconnect all parallel connections** to get an accurate measurement.

### Did you know:

that there have been advances in battery management? **I know you're not still using a pager or a pay phone...right???** Then why are you still **charging batteries with 1990's technology?** In the modern world, there are **advanced diagnostic smart chargers** on the market that not only outperform traditional chargers, but they incorporate battery testing, interactive digital displays, user-controllable settings, and thermal sensors at the battery clamps (to provide overcharge protection). And here's the best part...they're **1/2 the price (or even less)** than the primary old-style chargers found in most military motor pools. Want to know more... **contact your field support representative (FSR)**



### Training:

Over the summer, DC ARNG, MD ARNG, UT ARNG, WA ARNG, MN ARNG, GA ARNG, Fort Stewart, Hunter AAF, Fort Hood & MCB Camp Pendleton got **free battery maintenance and recovery training (BMRT)**. **Want yours...**contact a Hawker® FSR.



*Next Issue:  
Should I charge multiple batteries individually or together as a system?*

### Questions?

Check out our website at: [www.hawkeraplus.com](http://www.hawkeraplus.com)

Call us at 877-485-1472

Connect with us on:



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