



HAWKER®

Headlines

Summer 2020 edition

Quick Tips!

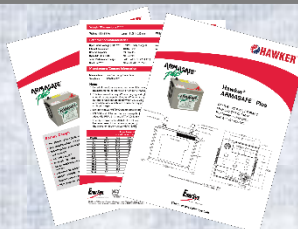


Need details on the **Hawker® ARMASAFE™ Plus 6TAGM** battery?

Easy fix. In fact, the **new & improved data sheet** and **2D technical drawings** brochures are hot off the press!

Want your copy? Simply download here...

www.hawkerbattery.com/resources



Answer to question from last issue:


Can multiple short-duration vehicle run-times have an effect my battery?

Yes! You see...for the vehicle's starter to crank the engine, it requires energy...lots of energy. That **burst of energy** comes from the vehicle's battery (or batteries). In fact, engine start requires so much energy, typically, it's the **biggest load** placed on a battery (or battery pack).

For example, a light tactical vehicle may require **500 Cold Cranking Amps (CCAs)** to start the engine, whereas a **heavy combat vehicle** may require **2000 CCAs!** Now that's a whole lotta juice.

Each time the engine is started, the battery is drained a bit. No problem, it's the job of the vehicle's alternator or generator (& voltage regulator) to safely put that energy back into the battery.

But, if the engine is constantly **started, then immediately stopped**, the alternator won't have enough time to fully recharge the battery. **So, how long should you let the vehicle run to replenish the energy?** Here's a guide:



Recommended minimum run-time after engine start	
Temp	Time
≥ 32° F	20 minutes
0-31° F	40 minutes
< 0° F	60 minutes

Did you know:



for a single battery, **Closed Circuit Voltage (CCV)**, commonly known as **"load"** voltage, is the measurement of voltage between its positive and negative terminals when there **is a load** on the battery (in other words, the battery is **providing power**). For battery-powered systems (direct current), measurement is usually conducted using either a DC voltmeter or multimeter with a DC voltmeter setting. A battery's CCV measurement is typically lower than it's OCV.

Training:

Though the world is still coping with COVID-19, our free on-site **Battery Maintenance and Recovery Training** **is back!** And, to assist in maintaining a safe working environment, our **trainers comply with all state & local safety protocols.** Want to get your unit scheduled? Just **contact your Hawker® FSR** today...either on the web or by phone!



Next Issue:
Can batteries self-discharge when they're not in use...even when they're disconnected?

Questions?

Visit our website at: www.hawkerbattery.com
Call us at 877-485-1472

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