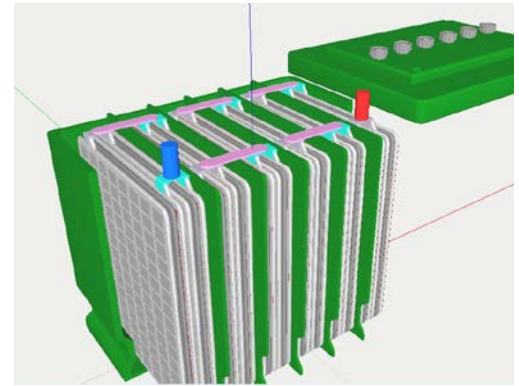


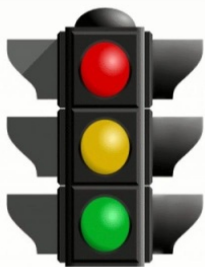
### What Battery Should I Use In My eAPU?

In this edition we take another look at batteries. We have discussed batteries in the past; however, with the increase of new technologies in transportation and batteries, we will revisit this subject.

Electric APUs require enough power to support the demand of keeping a sleeper comfortable for 8 -10 hours, and this requires a battery designed to do just that.



We have found that when it comes time to replace the original batteries, on occasion fleets opt to purchase batteries that are not designed for deep-cycle applications. More than likely the up-front cost drives this decision. The result is performance, more precisely runtime of the APU. In addition, these batteries will have a short lifespan.



Everyone has a preference to the brand of battery they use, but make sure when it comes to the eAPU the battery selected is an AGM deep-cycle battery. Don't be fooled by new technologies which indicate they are designed for cycling. They are designed for cycling, but it is cycling for stop/start applications. These batteries are designed for vehicles in which the engine turns off at stop signs, and then restarts when the accelerator is pressed. This is a cycling battery, but not a deep cycle battery. It will not work or last very long!

If your current batteries need replacement, make sure you replace them with batteries designed for your application. If you are unsure your vendor is recommending the correct battery technology, call the battery manufacturer or give us a call and we will help you navigate the choices.

**Remember, we are always just a phone call or email away to help you.**

- Tech Support Phone: (920) 206-9333
- Tech Support email: [techsupport@idlefreesystems.com](mailto:techsupport@idlefreesystems.com)