

exceeds 13.2V AND the (tail-) charge current falls below 4% of total battery capacity (4% of 224 ah during a 3-minute period. If this doesn't happen, or if the monitor gets disconnected from the battery, the readings displayed will be garbage-in, garbage-out.

One indicator that the battery is not synchronized with the monitor is when the Sync and the Battery icons are both blinking.

If you KNOW the battery is at full charge but the State of Charge shows less than 100%, the monitor and battery can be re-synchronized by pressing the + and – simultaneously for 3 seconds while in normal mode until you hear a beep.

### **Program Setting for BMV-712 Battery Monitor**

If the unit needs to be reset or replaced, a few settings need to be adjusted to work with our 224-ah AGM Batteries. This is all done using the Victron Connect smartphone APP which communicates with the monitor via Bluetooth. The pin should be 0000

1. Find the GEAR icon in the top right corner.
2. Choose BATTERY SETTINGS and enter these settings:
  - a. Battery Capacity **224**
  - b. Charged Voltage **14.1**
  - c. Tail Current **2%**
  - d. Peukert Exponent **1.12**
  - e. Charge Efficiency **97%**
3. Go back to settings and choose MISC
  - a. Aux Input **Temperature**
  - b. Temperature Unit **Fahrenheit**
4. You are done and can exit the settings section