The battery check can be done via SCADA or the Local HMI (LHMI). This document will cover the method for doing it via LHMI. The Battery Test function tests the battery’s charge and overall health by briefly connecting a low resistance load parallel to the battery and then measuring the battery voltage. The RER620 standard button configuration includes a battery test button. If this has been removed, it can be done by navigating through the LHMI menus.

**Via programmed push button**

1. Push the battery test and wait a couple of seconds.
   
   A. The test passes when the Battery Test push button LED blinks 3 times.
   
   B. The battery test has failed if the LED stays solid.
      
      I. Check that the AC and DC fuses are not blown.
      
      II. Wait for 2 minutes and retry the test.

   III. If multiple battery tests have failed, it is possible that one or more of the batteries have gone bad. Replace all four batteries.

**Via LHMI menus**

1. Using the navigation buttons, go through the following menu structure:
   
   Tests → UPS Tests → Start Battery Test

2. Press the Enter button and select True. Press the Enter button again.

3. Use the results description in step 1 of the “Via programmed push button” section above.

If there are any further questions on this topic, please contact the Customer Service Group at:

**Phone:** +1 800 929 7947 ext. 5  
+1 407 732 2000 ext. 5

**E-mail:** customer.service.group@us.abb.com

For further information on the GridShield® recloser and other feeder automation products, please visit the ABB web-site at [www.abb.com/mediumvoltage](http://www.abb.com/mediumvoltage) and the Feeder Automation User’s web-site [www.abb.com/fa-users](http://www.abb.com/fa-users).