



BOAC-001 Testing App. Note

When testing the BOAC unit in the field or in a control panel, the battery being used with the BOAC must be fully charged.

Part of the test procedure when using the BOAC is to turn off the 120VAC control power and have the BOAC unit switch to a loss-of-power alarm mode. If the battery is weak, or discharged, the battery will not be able to supply power to the BOAC unit during this test, making it seem like there is a bad BOAC unit, when in fact the battery is the issue.

If testing the loss-of-power by removing the 120VAC control voltage does not energize the power-loss-alarm, first replace the battery with a known good, fully charged battery.

If the battery is good but needs to be charged, allow time for the BOAC to charge the battery, and then perform the power-loss-alarm test.

When charging the battery with 120VAC applied, be sure that the High-Level Float between pins 3 and 10 is open. When the Float Switch is closed between pins 3 and 10, the BOAC will be unable to overcome the load of the light and horn in order to charge the battery.