

BPS-1100 Signal Booster Power Supply (ECO-07-081)

Problem:

The battery charger on the BPS-1100 may not be charging the batteries to a high enough voltage (27.5Volts) due to a software issue. This could cause the batteries not to charge to their full capacity which may cause the 24 hour battery stand-by test to fail.

In certain applications, some of the notification circuits were being used as auxiliary power supply outputs to activate door holder etc. Using the booster power supply in those applications causes the battery charger to shut down since the system thinks it is in alarm condition.

Solution:

The firmware was updated from version 1.0.2 to version 1.0.3. to resolve the above issues.

Important Note:

To use a Notification Circuit as Auxiliary power supply output, the BPS-1100 must to be configured as follows:

- Configure the desired output circuit as a non-silenceable strobe output. DIP switch setting '0011 0011'
- Configure an input circuit such as non-latch supervisory input. DIP switch setting '0010 0100'
- Correlate the input to the output, DIP switch '0100 0001'
- Enable output circuit correlations, DIP switch '0000 0101'

All new builds and those currently in stock have been upgraded with the new firmware version.

Upgrade chips could be ordered through the Customer Service Department using part number SF-160.

If you have any questions regarding these changes, please contact the Technical Support Department.