

Battery Failsafe Devices

805-683-9684 PT www.so-bfd.com

From the battery set point chart below, pick the voltage type of your battery. Review the voltage set points and pick the setting to meet your needs.

Set Points for LCD-HV Low Battery Alarm

<u>+12 Volt</u>	<u>+24 Volt</u>	<u>+36 Volt</u>	<u>+48 Volt</u>
12.40	24.80	37.20	49.60
12.20	24.40	36.60	48.80
12.00	24.00	36.00	48.00
11.80	23.60	35.40	47.20
11.60	23.20	34.80	46.40
11.40	22.80	34.20	45.60
11.20	22.40	33.60	44.80
11.00	22.00	33.00	44.00
10.80	21.60	32.40	43.20

To adjust the Low Battery Alarm set point:

Power up the Low Battery Alarm with battery source, the LCD-HV will do a self test of 1000...1111...2222...3333...etc up to 9999 on the display and then will begin monitoring the battery.

1. Press the Up ^ or Down v button, the LED will turn solid yellow and the display will show all stored set points. The LCD-HV set point can now be adjusted.
2. Use the Up ^ or Down v button to pick the desired alarm set point. Note the alarm set point you wish to use as you scan up or down the set points. Many set points will be displayed as you scan up & down. When you have reached your set point, stop at that set point. After a few seconds the buzzer will sound once "Alarm is Set"

The LCD-HV display and LED will return to battery voltage monitoring.

The alarm set point will lock in 1 minute after the last button is pressed. Changes to the set point can be made before it times out. If in time you wish to change the set point, unplug the input power connector. Plug it back in and start the set point procedure once again. LCD-HV remembers its set point even if the battery is disconnected.

Reference Warnings & Display:

Prior to the LED tuning Red, the LED will flash Yellow at a preset point above the set point selected. This is a warning the battery voltage is getting low. When the voltage alarm setting is reached, the LED will turn Red and the buzzer will sound with a 4 beep tone until the battery is charged above alarm set point.

If need be, please call me and I can answer any questions.

info@mtrdesign.com or call 805-683-9684 PT

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