

LCD Replacement

Please follow the step-by-step instructions when you replace an SH5K LCD.

1. Shutdown Procedure:
 - a. Turn off the solar supply main switch (located next to the inverter or in the switchboard).
 - b. Turn off the DC PV array isolator (located next to the inverter).
 - c. Turn off the battery circuit breaker and battery, if applicable.
 - d. Wait for the inverter LED and LCD to turn off.
2. Unlock and open the enclosure lid.
3. Unscrew four screws (the screw positions are shown in Figure 1).

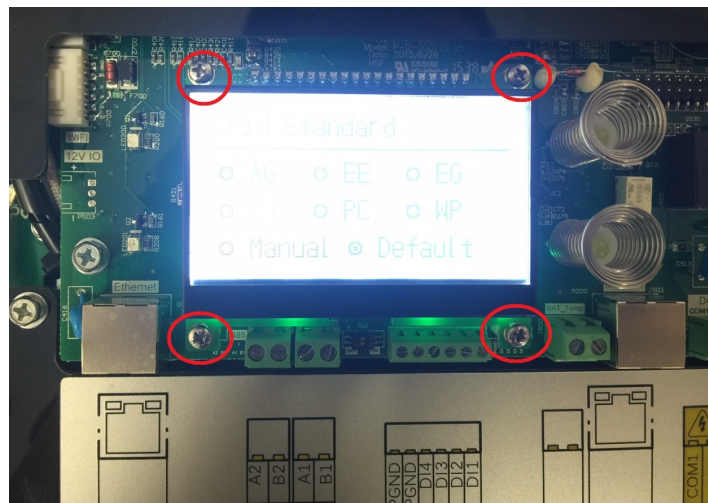


Figure 1: Old LCD

4. See the LCD back side (Figure 3) and terminals on the SH5K (Figure 4: Figure 4).
5. Align the new SH5K LCD screw holes (Figure 3) with the SH5K screw receptacles (Figure 4) and the 20 LCD pins (Figure 3) with the 20 pins LCD port on the SH5K (Figure 4), and tighten the screws (Figure 2).

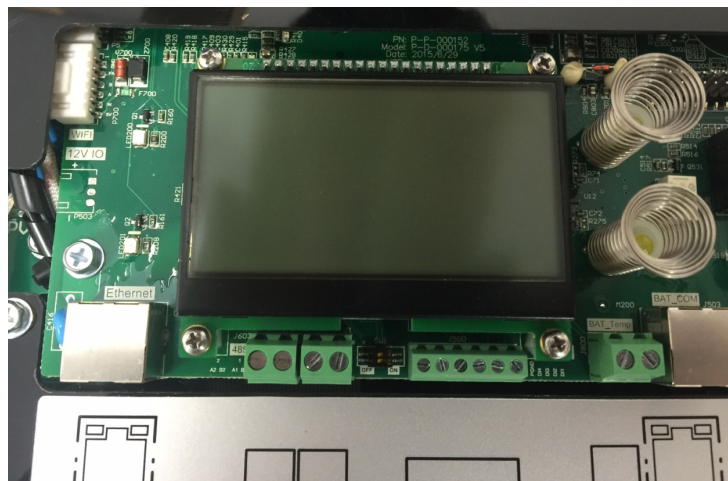


Figure 2: New LCD



Figure 3: LCD backside

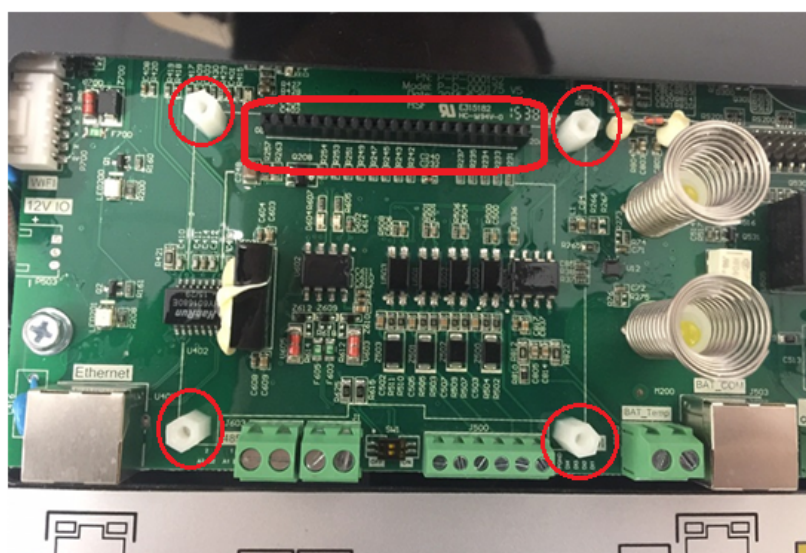


Figure 4: LCD terminals on the SH5K

6. Close and lock the enclosure lid.
7. Turn on the DC PV array isolator.
8. Turn on the battery circuit breaker and battery, if applicable.
9. Turn on the solar supply main switch or the AC isolator (whichever was turned off originally).
10. Wait a few minutes for inverter recovery (the LEDs go from flashing green and red indicating standby and starting up, then if the inverter works fine it will go to a green light).