

Test Number	Rev Date	Description
T-867	8-25-23	104252 Power Supply Board Test

Reviewed By	Date	Compiled By	Date
		SM	8-25-2023

1.0 EQUIPMENT NEEDED

QTY	ITEM
1	T-867 Tester
1	104252 Power Supply PWA
1	5V Plug-in Power Supply
1	AC Power Switch

2.0 SETUP

- 2.1. Plug in 5V wall power supply to the wall and wait until the display shows “**Waiting for Power**”
- 2.2 Place 104252 PWA on top of the tester using two screws diagonally. Make sure that the rocker ON/OFF switch is in **OFF** position.
- 2.3 Make connections from the tester to the device under test (Input of the transformer, output of the transformer, Fire Loop, Voltage Output 1, and Voltage Output 2 Connection).
- 2.4 Lastly, insert the main AC plug into the device.

3.0 PROCEDURE

- 3.1 Turn **ON** the AC power switch.
- 3.2 Turn **ON** the rocker switch that is attached to 104352. **LED1** on PWA should light up **GREEN**.
- 3.3 The tester display will show the Voltage Output measurements. Adjust the output voltage via potentiometer, **V_Out Adjust**, to **24VDC**. Push the confirm button located on the right bottom side on the tester.
- 3.4 Upon confirmation, the tester will automatically go through the Fire Loop functionality test.
- 3.5 If the display shows “**Test Good**,” turn off the AC power switch and remove the AC power connection from the result.
- 3.6 Remove other wire connections and remove the device under test.
- 3.7 Test Complete.