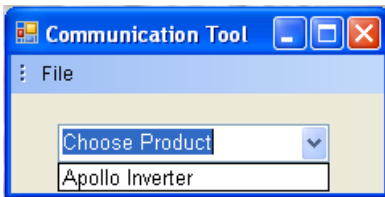
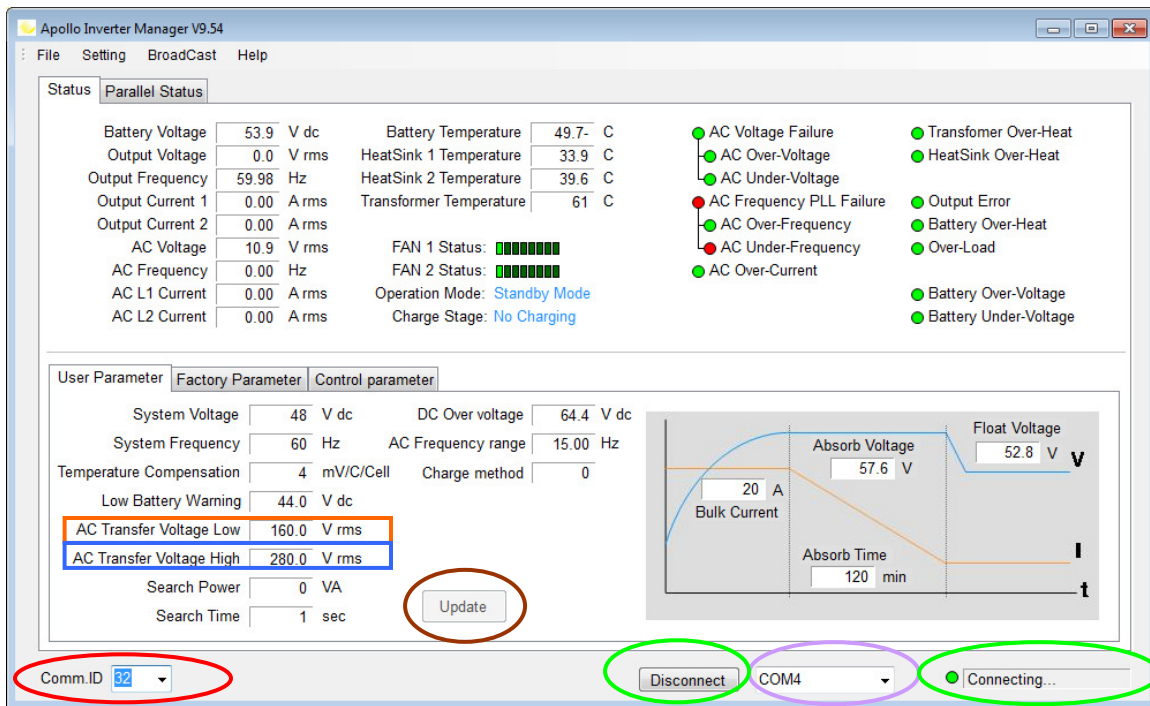


# Instructions Upgrade the Firmware on the Apollo Solar TSW Inverter.

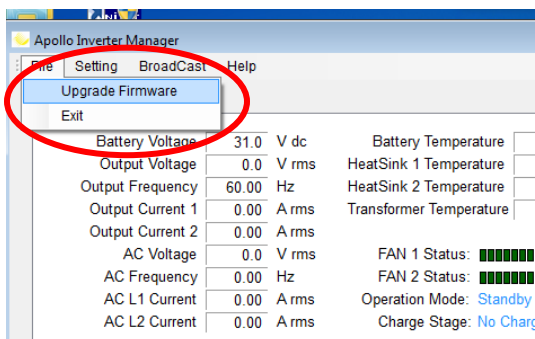
1. Run the AIM Software. The following screen will appear:



2. Select “Apollo Inverter” from the pull down menu. The following screen will appear:

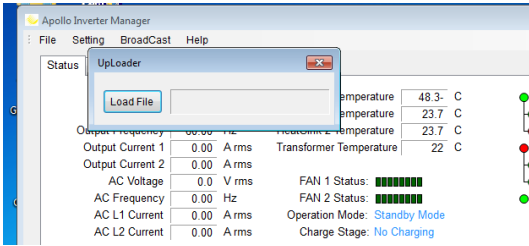


3. Connect the AIM device & Cable between the Inverter & the USB Port of you Computer.
4. Power Up the Inverter & put it in standby by pressing the Standby button.
5. Select the correct COM Port for your AIM device.
6. Select the correct Comm. ID for your inverter (the default is 32).
7. Press the Connect button and verify that the box to the right displays “Connecting...”.
8. To upload new firmware to the TSW Inverter, select “Upgrade Firmware” from the File menu bar in the AIM screen as shown:

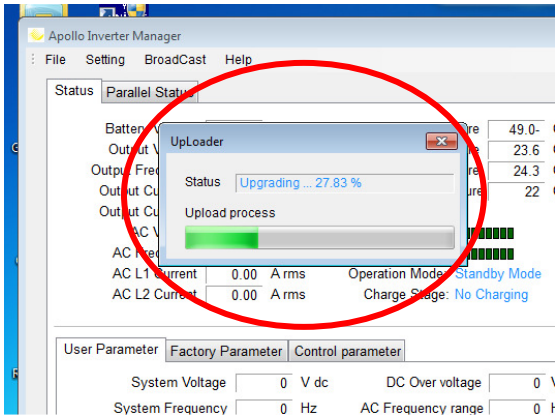


9. The “Load File” box will appear as shown below and select the .HEX file and select OPEN.

## Instructions Upgrade the Firmware on the Apollo Solar TSW Inverter.



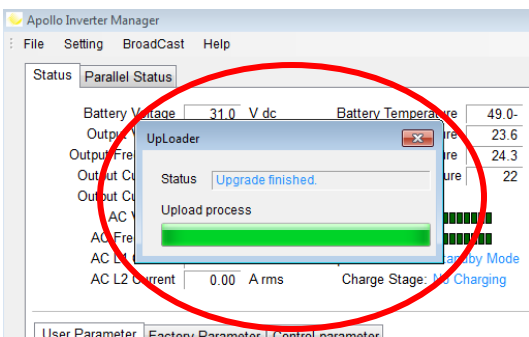
10. The uploader process window will appear (figure 7), and the inverter will indicate update in progress on the display. The “% status and bar graph will increase as the upload progresses. **Please Note: If the main screen indicates “No Response”, do not be concerned.**



11. And the inverter will display:



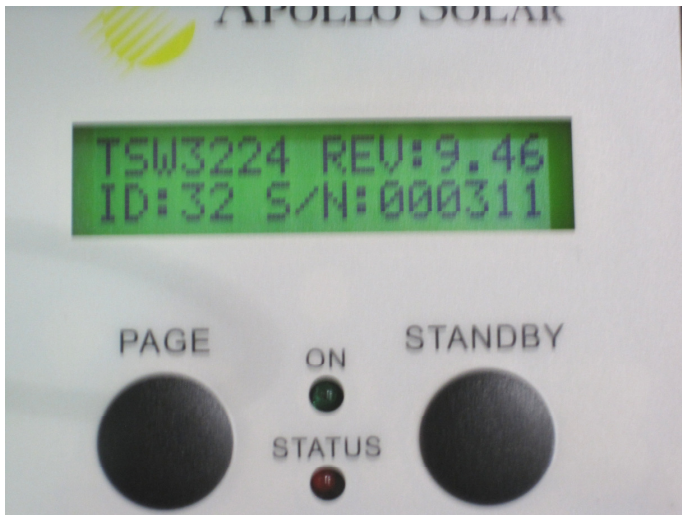
12. When the firmware is fully uploaded, the AIM will indicate the upgrade is finished as shown. This should take approximately 5 to 10 minutes.



**Important:** The upgrade is not complete until the TSW resets (this takes about another minute). **Do not disturb the TSW until the display changes to the Normal Operating Screen.**

## Instructions Upgrade the Firmware on the Apollo Solar TSW Inverter.

13. When the Inverter screen changes verify the New version is displayed.



14. The TSW resets and goes into “Auto-Start” after which it will enter Invert Mode. **Caution – The TSW is now generating AC voltage.** If you do not wish to enter Invert mode at this time, you may press the “Standby” button to enter Standby Mode.
15. Close the AIM software.
16. Reboot the Inverter. The operation of the unit will unreliable unless it is restarted.