



Series 2260B DC Power Supply

Version 1.55 Firmware Release Notes

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General Information

Supported models

This firmware is intended for use on the following Keithley Instruments product models:

2260B-30-36, 2260B-30-72, 2260B-80-13, 2260B-80-27

Firmware Upgrade/Downgrade Instructions

NOTE: Do not remove the USB flash drive until the upgrade process is complete.

*NOTE: **The firmware must be upgraded twice.** Do not disturb or shut off the power on the power supply during this update. If 'F-10' is 1, the power supply's speaker will sound during the update.*

NOTE: Ensure the load is not connected.

NOTE: Ensure the output is off.

From the front panel:

1. Unzip the archive to a USB flash drive. The archive file is: keithley.zip.
2. Verify the folder structure: A folder named "keithley" must be created (\keithley) and the gw_psx file should be copied to both the root directory and to the "keithley" folder before proceeding with the firmware update procedure. For example:

```
G:\
├── gw_psx
└── keithley
    ├── gw_psx
    ├── httpd.tar
    ├── t2260B.tst
    ├── ps_os.blk
    ├── t001.csv
    └── keithle_2260B.inf
```

3. Disconnect any input and output terminals that are attached to the instrument.
4. Turn on instrument power.
5. Insert the flash drive into the USB port on the front panel of the instrument.
6. Press the Function key. The function key will light up. The display will show F-01 on the top and the configuration setting for F-01 on the bottom.
7. Rotate the voltage knob to change the F setting, until to F-00. The display will show F-00 on the top and the 0000 for the Password for F-00
8. Use the current knob to set the Password for the F-00 setting. The Password is "5004".
9. Press the Voltage knob to enter the Special Mode. SF- 1 will be displayed when successful. (Ignore the number on the bottom).
10. Rotate the voltage knob to change the SF setting, until the display shows SF- 2 on the top.
11. Use the current knob to set the value for the SF- 2. The value is "1"
12. Press the Voltage knob to start upgrading. On progressing, the display will show "COPY" on bottom.
13. After SF- 2 ok, the system will reboot automatically.
Continue to upgrade kernel:
14. Press Function key. The function key will light up. The display will show F-01 on the top and the configuration setting for F-1 on the bottom.
15. Rotate the voltage knob to change F setting until to F-00. The display will show F-00 on the top and the 0000 for the password for F-00
16. Use the current knob to set the Password for the F-00 setting. The password is "5004"
17. Press the Voltage knob to enter the Special mode. SF-1 will be displayed when successful.
18. Rotate the Voltage knob to change the SF setting, until the display shows SF-6 on the top.
19. Use the current knob to set the value for SF-6. The value is "2"
20. Press the Voltage knob to copy the new kernel to the 2260B. On progressing, the display will show "Copy".

21. After the update has finished, SF-6 ok will be displayed.
22. **Cycle Power to complete this procedure.**

Version 1.55 Release

Overview

Version 1.55 is a maintenance and function enhancement release of the Series 2260BS firmware. This release addresses one critical issue, which was introduced in version 1.53, as well as correcting a noncritical issues.

Compatibility concerns

N/A

Critical fixes

Models affected:

2260B-30-36, 2260B-30-72, 2260B-80-13, 2260B-80-27

Symptom:

When you delete a test sequence from the internal memory, it does not update the screen immediately.

Resolution:

This issue has been corrected.

Enhancements

N/A

Noncritical fixes

Models affected:

2260B-30-36, 2260B-30-72, 2260B-80-13, 2260B-80-27

Symptom:

Wrong word in Web Page.

Resolution:

This issue has been corrected.

Known issues

N/A