



About the firmware version 2.44 update

Last Modified: March 13th, 2018

Summary

This release of the PDU firmware adds **IPv6** and **support for new outlet meter and switch PCBs**. It also fixes some issues and is advised for all users of the hybrid range of PDUs and DPM3. See the *What's included* section for the full list of changes.

Important warning

When updating to firmware version 2.44 from a lower version than 2.42, please check all intermediate release notes for important warnings and known issues!

What's included in 2.44 (changes since 2.42)?

New features:

- Added IPv6 and IPv4/v6 dual stack to network configuration options.
- Added support for new 6 channel meter and switch hardware.

Other changes and fixes:

- Fixed an issue where SNMP sysObjectID returned wrong number.
- Added MAC address to web interface.
- Improved web interface for devices in Bridge mode:
 - Changed ring disabled icon.
 - Changed the width of the vertical separator on large screens.
 - Added option to see where the ring is broken on mobile screens.
 - Made sorting the device list faster.
 - Fixed sorting on unit address.
 - Added indication how the device list is sorted.
 - Added indication that the data bus is currently scanning. This is done using a spinning ring state icon.
- Fixed current drop alert not working with low currents.
- Cleared up some jargon in the web interface to clarify its purpose.
- Add feature which allows the user to disable the auto-switch-off mechanism on power down when using the new outlet PCB's.

Known issues:

- Although bridge mode handles up to 250 daisy-chained devices, for best user experience, limit this number to about 30 (it takes 2s per device to fetch its data).
- Especially when in bridge mode, keep in mind that using multiple interfaces (snmp, Modbus, API) and web browsers simultaneously will reduce throughput. For maximum performance, use one connection at a time.
- When viewing bridged units in the web interface, some features might not work as expected, if the remote unit's SPDM version is below 2.42

Installing this firmware

Installation of firmware is preferred by using the Schleifenbauer Product Service Tool (SPST). There is a specific *SPST user manual* available on the Schleifenbauer website.

Notes:

- Uploading 2.xx bin files in the Gateway's web interface is not possible!
- While updating or restarting the devices, power distribution will not be interrupted!