



RELEASE NOTE

04/2026

PARTIAL DISCHARGE TESTING

Spark 1.1.12

**FIRMWARE FOR THE SPARK P2
AND SPARK P3 PD ANALYZERS**



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TP-SP-RN Rev B

04/2026

Spark 1.1.12 Release Note

Version number of each subsystem:

- Spark: 1.0.0
- Spark_app: 1.0.0
- Sparklet: 0.1.32
- SCPI_server: 1.7.1
- RP2040: 17
- SparkPIC: 1109

Supported hardware:

- Spark P3
- Spark P2
- Calisto PD1
- Calisto T1 PD Module

Changelog:

Initial official release

Known issues

Known issues of Sparklet:

- The Sparklet UI currently includes settings applicable to Spark P2 and Spark P3 devices, some of which are irrelevant for Calisto T1 and PD-Guard PD instruments.
- **UWB/IEC** and **Acoustic Modes** are not functional for PD-Guard and Calisto T1 modules.
- In **Expert Mode**, Sparklet will silently fail if you try to save a result file but no site or asset is configured. Ensure these configurations are completed before attempting to save.
- If a test plan fails to create: Log out and log back in to Sparklet. Alternatively, restart Sparklet via **Settings -> Device Management -> Restart Device**.
- Some Wizard Mode templates are non-functional in this release.
- Graphs are not displayed on the screen when Wizard Mode runs via PICOS.
- The **EMI** Wizard Mode lacks a BNC sync option.
- When a session expires, the system redirects to the doblePRIME credentials page instead of the Sparklet credentials page.

- To resolve: Navigate to the PICOS menu and click **PD1 web UI** to log back into Sparklet.
- BarGraph result files cannot be loaded in any mode.
- In Test Plan or Wizard Mode, MUX input selection is unavailable. These modes will use the last selected MUX channel.
- Only English is currently available. Placeholder text for Italian and German have not yet been translated.

Known issues of Spark app:

- Maxhold data cannot be saved.
- Wizard mode not locking EXT AC Sync
- Some generated test plans fail to run
- Need to improve language support
- Lack of ability to save IEC calibration data
- Find Peak function not working for Channel-2
- Lack of Wi-Fi configuration