

Keysight MP4300 Modular Power System

Version 2.0.01 Information

Released Date:	18 Jun 2025
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10

Enhancement

- Added Secure Erase/Memory Sanitation Feature.

Bug Fixed

- Added SAS Table mode checks on Isc minimum value and table slope at Voc.
- Fixed error when sending CURR:TABL:NAME command.
- Fixed error due to SAS curve parameter 'pending apply' GUI blink.

Version 1.3.20 Information

Released Date:	12 Sept 2024
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10

Bug Fixed

- Eliminated negative pulse on Digital Port during power-on when pin polarity set to negative.
- Fixed incorrect +366 "Settings Conflict" error when programming Digital Port settings over bus while Digital Port dialog open on GUI is no longer generated
- Changed to Digital Port settings made from Digital Port GUI dialog are now correctly saved in non-volatile memory.

Version 1.3.04 Information

Released Date:	23 May 2024
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10

Enhancement

- Updated DEFAULT SAS compensation for the widest variety of devices and operating modes.
- Added FAST_LOW_C SAS compensation for fast solar array emulation on devices with low input capacitance, replacing the deprecated LT_VMP.
- Added FAST_HIGH_C SAS compensation for fast solar array emulation on devices with high input capacitance, replacing the deprecated DC_20UF.
- Added channel grouping and channel output coupling.
- Protection settings and Digital port are configurable from the front panel.
- Added CURRENT:SASimulator:BUS commands for specifying an external bus voltage estimate.

Version 1.1.09 Information

Released Date:	05 June 2023
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10

Enhancement

- Added Diode Mode SCPI commands and front panel configuration screen. This mode allows the user to optionally enable the Reverse-Current Blocking Diode on the +OUT terminal.
- Added "Less Than Vmp" (LT_Vmp) SAS compensation mode for regulation DUTs operating at voltages below Vmp.

Version 1.0.12 Information

Released Date:	19 Dec 2022
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10

Initial Release

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