N6700 Low-Profile Modular Power System

Version D.04.10 Information
(Firmware is for N6700B, N6701A and N6702Aonly)

Released Date:	5 Oct 2022
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700B-D_04_10.xs

Enhancement

- Support updated N6751A - N6756A modules with replacement 16 bit DAC due to chip shortage.

Version E.02.08.3238 Information
(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	4 Oct 2022
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_02_08_3238.upd

Enhancement

- Support updated N6751A - N6756A modules with replacement 16 bit DAC due to chip shortage.

KEYSIGHT
TECHNOLOGIES

Version E.02.07.3231 Information
(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	14 April 2022
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_02_07_3231.upd

Bugs Fixed

- Added reverse voltage protection state support for N6791A and N6792A modules

Version E.02.06.3226 Information
(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	27 Oct 2021
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_02_06_3226.upd

Bugs Fixed

- Web interface Instrument control tab issue fixed where web interface becomes unresponsive

Version E.02.04.3214 Information
(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	24 Mar 2021
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_02_04_3214.upd

Enhancement

- Added support for option J01

Version E.02.03.3189 Information

(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	25 Mar 2020
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_02_03_3189.upd

Bugs Fixed

- Certified to LXI version 1.5
- Resolved LAN disconnect issue

Version E.02.01.3173 Information

(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	4 January 2019
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_02_01_3173.upd

New Features

- Added support for N6791A and N6792A modules.
- Added support for arbitrary waveforms.

Enhancements

- Modified mainframe screen saver to dim the OLED display instead of turning it off.
- Modified for reliability, allowing the front panel to wake after screen saver is activated.

Version E.01.02.2811 Information

(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	28 August 2018
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_01_02_2811.upd

New Features

- Added 3 extra OCP delay ranges to the new N675XA and N676XA modules.

Bug Fixes

- Fixed no acquisition trigger when SENSE:SWEEP:OFFSET:POINT is positive.

Version E.01.01.2780 Information

(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	1 November 2017
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700-E_01_01_2780.upd

New Features

- Added VOLT:BWIDTH:LEVEL SCPI command for N6781A, N6782A and N6784A modules to change the filter frequency associated with each voltage priority bandwidth range.

Bug Fixes

- Fixed several LXI defects.

- Fixed screen saver.

- Fixed crash when sending SCPI RES? query to a module other than N6781A, N6782A or N6784A.

- Changed the SCPI command for N6781A, N6782A and N6784A in SDM systems.

- Eliminated redundant second error returned by INIT:CONT:TRAN

- Improved SCPI and front panel error message when recalling power-on state and state file is missing.

Version E.01.00.2705 Information

(Firmware is for N6700C, N6701C and N6702C only)

Released Date:	11 November 2016
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10

Initial Release

Version D.04.09 Information

Released Date:	24 July 2017
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows 10
File Name:	N6700_Firmware_D0409.zip

Bug Fixes

- Changed the SCPI command for N6781A, N6782A and N6784A in SDM systems.

Version D.04.08 Information

Released Date:	22 February 2017
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

Bug Fixes

Version D.04.05 Information

Released Date:	8 March 2016
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

Bug Fixes

Version D.04.04 Information

Released Date:	2 October 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Increased the number of VXI-11 socket connections from 3 to 4.

Bug Fixes

Version D.04.01 Information

Released Date:	10 February 2015
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Added support for the new OLED display.

Version D.03.08 Information

Released Date:	December 3, 2014
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Added Support for new modules: N6785A and N6786A.

Version D.01.xx Information

Released Date:	September 2010
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Added Support for new modules: N6755A, N6756A, N6763A, N6764A, N6765A, N6766A, N6777A, and N6784A.

- Added external datalogging ability (ELOG).

- Added power measurement for the N676xA DC power modules and the N678xA SMU modules.

Version D.00.xx Information

Released Date:	August 2010
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Added Support for new modules: N6781A and N6782A.

- Improved the sample period for all modules to 10.24 microseconds.

- Increased samples from 4096 per parameter to 512K / number of parameters.

Version C.xx.xx Information

Released Date:	December 2005
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Added Support for new modules: N6773A-N6776A, N6753A, and N6754A.

- Added the 2UA option for the N6761A and N6762A.

- C.02.18 was the last version to support the N6700A mainframe.

Version B.xx.xx Information

Released Date:	October 2004
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

New Features

- Added Support for new modules: N6731B-N6736B and N6741B-N6746B.

- Added virtual channel features for paralleling up to 4 modules.

- Added output slew rate control for all modules.

Version A.xx.xx Information

Released Date:	December 2003
Requirements category (e.g., operating system):	Microsoft Windows XP, Microsoft Windows 7

Initial Release