H&H Höcherl & Hackl
The electronic load

Release Notes for H&H PLI Software Tool

PLI Tool Release Notes

H&H **Höcherl & Hackl**
The electronic load

Release 1.0.0
25.09.2014
Initial Release

Release 1.0.1
14.10.2014
Optimized and corrected indication of range values in instrument overview dialog.
Changed behaviour of "Start List" button control. Input is switched on after pressing "Start List".
Added boolean control "ACQ Enable" in View "List Editor" which enables control of data acquisition during a list operation.
Changed labeling of the indicator "OVP" to "OV".
Optimized and corrected indication of the status signals.
Added PLI Tool manual revision 02.

Release 1.1.0
27.10.2014
Optimized and corrected the csv logging file generation.
Added MPPT support. Firmware revision AI2.6 DI 2.5 UI 2.5 is obligatory.
Added firmware check during the connection to an instrument.
Added support of SCPI command ":LIST:MODE".
Added instrument failure indication on frontpanel.
Added list value check during entry.
Added PLI Tool manual revision 03.

Release 1.2.0
12.01.2015
Optimized and corrected the csv Data Viewer file generation.
Optimized and corrected the error dialog box.
Optimized and corrected the wrong firmware dialog box.
Added operation mode "power" support. Firmware revision AI2.7 DI2.7 UI2.7 is obligatory.
Added support of SCPI command ":FUNC:MODE POW", ":POW" etc..
Added PLI Tool manual revision 04.

Release 1.2.1
07.07.2015
Optimized and corrected some tip strips.
Optimized and corrected connection establishment to device.
Optimzied and corrected IPv4 IP address control behaviour and examination.

Release 1.2.2
16.09.2015
Added PLI tool manual revision 05.

Added major firmware check of the connected PLI. Only major firmware release 2.x is supported.

Release 3.0.0

18.12.15
Optimized the check routine to ensure plausible values entered into the List Editor table.
Corrected the parameter range of time based edits, which are used within the LIST Subsystem. The new parameter range is 200E-6 s to 8E+5 s.
Optimized and corrected the remote locking behaviour of the connected instrument.
Corrected the tag "FUNC_MODE" to "LIST_MODE". The tag is used to configure a list. Firmware revision AI3.0 DI3.0 UI3.0 is obligatory.
Added PLI tool manual revision 06.

Release 3.0.1

08.06.16
Corrected the IPv4 address format verification.

Release 3.1.0

05.10.16
Added operation mode "power" for list mode. Firmware revision AI3.3 DI3.2 UI3.2 is obligatory.
Corrected the error logging feature.
Added PLI tool manual revision 07.

Release 3.2.0

20.02.17
Added History Chart function to the Settings View.
Added manual sweep functionality, energy meter and next sweep indication for the MPP Tracking View.
Added overrange functionality to the voltage, current and power displays. Excessive values are no longer displayed.
Added tool tip with measurement information for Data Viewer Chart and History Chart.
Optimized source code for better maintainability and fixed some minor bugs.
Corrected time stamp issues with logging files and list files.
Corrected list issues during editing a list with the List Editor.
Added PLI tool manual revision 08.

Release 4.0.0

28.05.18
Firmware revision greater or equal to AI3.7 DI3.3 UI3.4 is obligatory.
Added Watchdog protection functionality.
Added Data Acquisition function to the Settings View.
Added Rectangular function to the List View.
Added Delete Memory button to the Data Viewer to be able to clear the graph display.
Added Discharge view to be able to configure the discharge function.

Added Internal Resistance view to be able to configure the internal resistance measurement function.
Added Master-/Slave functionality for devices of production series "B".
Added a function that saves the last communication settings to allow the user to connect to the device
without having to configure the interface settings after every program start.
Adjusted MPPT function for devices of production series "B".
Adjusted the measurement display for production series "B" to match the display from the user interface of the device.
Improved general optical appearance and added new company icon.
Added PLI tool manual revision 09.

Release 4.0.1

13.12.19
Fixed an issue where certain antivirus programs would affect the execution time of the tool.
Updated Runtime from LabVIEW 2017 to LabVIEW 2019.
Minor bugfixes.