

Controller v1.2.0-265 Release Notes

New Features:

- Thermal Runaway Protection (TRP)
- Configuration Report
- Hysteresis for String State Thresholds

Improvements:

- Improved defaults for String State Thresholds
- Improved defaults for limits: String Current, Block Temperature, Block Temperature Variation, Ohmic Rise, Ambient Temperature Variation, Ambient-Block Differential
- Network adapter MAC address shows in LAN network settings page
- Alarm History page now shows alarm times in region agnostic format
- Improved direction information popup on the CT calibration page
- Modbus settings speed and stop bits use choices are limited to valid values
- Measurement Logs page will function with up to 50,000 log files

Controller v1.1.2-181 Release Notes

New Features:

- Allow mapping of TRP Hubs

Improvements:

- Better handling of Modbus errors

Bug Fixes:

- Fix issues with LCD display of values
- Fix broken links in Upgrade page
- Replace instances of the text 'Powershield Controller' with 'Controller'

Controller v1.1.1-162 Release Notes

New Features:

- Include Modbus User Guide Rev C

Improvements:

- Better Modbus TCP connection handling

Bug Fixes:

- Fix incorrect version number when software changed
- A factory reset will no longer turn unbranded mode off.

- Unbranded mode will no longer show the Powershield logo in the browser tab or bookmarks.
- String delete process has been improved to avoid system problems in rare circumstances.

Controller v1.1.0-149 Release Notes

New features:

- Sensor Replacement
- Recovery Mode
- SNMP Traps
- Unified Error Codes:
 - Error codes are displayed instead of ERR now
 - Error codes are consistent across different sensors

Improvements:

- Ohmic Baselines: Outliers uses ticks instead of flags
- Mapping and Detect: Improved reliability in noisy environment, UI improvements (including legend)
- Measurements Page: System Alarms indicator
- Measurements Page: String Alarm counts
- Software Update: Improved UI
- Limits: Changing a limit will no longer stop in-progress ohmic jobs
- System Diagnostic Download: Available to Installers now
- Alarm History: finer grained alarm duration display
- Event Log: more event messages (ohmic baseline operations)
- Restore: improved backup file error detection
- LCD network status 'Not connected' message added*
- SNMP MIB now available via SNMP configuration page
- Added system name to title bar
- Added support for new Hub (internal model type 19, new measurement status registers)

Bug fixes:

- Remove Log files when a string is deleted
- Fixed dim Alarm LED on Controller front panel however an additional hardware fix can also be required
- Fix measurement log roll-over time (local time 11:59pm)
- Fix Modbus RS-485 settings
- Fix partial ohmic limits API call (this affects Link when downloading limits)
- Fix when impedance schedule is off API call does not return impedance devices (this affects Link when adding a system and Link is determining the measurement types available)

*LCD network status is not guaranteed to be in sync with the physical connection status due to the operating system behavior.