Software Version: v1.2.9
ZincBlue2

Date: 22 March 2021

Document Number: SRN1511

Introduction

Version 1.2.9 contains firmware updates for the ZincBlue2 Inverter and software updates to the embedded webserver user interface. This release includes both enhancements and bug fixes. It includes updates made in v1.2.7, which was released to manufacturing in December 2020, but not made generally available for upgrade due to web browser compatibility issues and v1.2.8, which was not released to production. Those updates are included within.

Firmware and Software

- Version 1.2.9
  Release Date: 3/12/2020

UPS 1000W/1500W

Enhancements

- Improve the readability of the LCD Display in cold conditions by enabling the built-in LCD heater element when the temperature is below -8°C. The heater will turn off when the temperature is greater than or equal to 0°C. The LCD heater will be turned off whenever the fans are turned on. The LCD heater will be re-enabled after the fans turn off.

- Added the ability to adjust the contrast setting for the LCD Display and to reload that setting any time the UPStealth 2 UPS 1000W/1500W is reset or rebooted. UPStealth 2 Software must be used to make the contrast setting adjustment.

- Revision changed to v1.2.9

Bug Fixes

- UPStealth 2 UPS 1000W/1500W entered reset cycle if eMMC had not been initialized.

500W Module and Panel Battery

- Revision changed to 1.2.9

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XRT Battery 3600W IMS

- Revision changed to 1.2.9

UPStealth 2 / ZincBlue2 Software

- Added the ability for the UPStealth 2 Software to adjust the contrast setting for the LCD display on the UPStealth 2 UPS 1000W/1500W. The contrast setting tool is available on the System Settings page.

- Revision changed to 1.2.9.

Firmware and Software

- Version 1.2.8
  Release Date: Not released

UPS 1000W/1500W

Enhancements

- Set the default LCD contrast to 40%.

Firmware and Software

- Version 1.2.7
  Release Date: Dec 2, 2020 (Released to manufacturing but not made available for upgrade due to web browser compatibility issues.)

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UPS 1000W/1500W

Enhancements

- Added Date/Time to waveform capture graphs.
- "INVERTER OUT OF SPEC" errors no longer disable BACKUP.
- A UPS Inverter/Controller with voltage output exceeding the required specifications generates the following warning or faults:

• Condition	• System Log Message	• Comments
• Inverter Voltage < 115V	• INVTR OUT OF SPEC WARN	• Warning.
• Inverter Voltage > 125V	• INVTR OUT OF SPEC WARN	• Warning.
• Inverter Voltage < 100V	• INVERTER OUT OF SPEC	• Fault – Red LED turns on.
• Inverter Voltage > 130V	• INVERTER OUT OF SPEC	• Fault – Red LED turns on.
• Number of consecutive INVERTER OUT OF SPEC errors > 30	• INVERTER LOCKED OUT	• Inverter voltage was > 130V or < 100V for more than 30 seconds.

- Added the ability on the "Network Settings" page to configure the network port to use.
- Changed the message written to the log when a new battery is detected to "BATTERY DETECTED" and included the battery port number.
- Improved the accuracy of Inverter voltage calculation so that invalid "INVERTER OUT OF SPEC" logs are not generated.
- A DELAY can now be configured only if the Trigger is "POWER FAIL" when configured via the LCD interface.
- Added a "SYSTEM STARTUP" log message when UPS-1000/1500 boots up.

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Bug Fix

- Correction has been made to the unreliable updating of ZincBlue2 Software.

UPS Battery 500W (Panel and Module)

- Revision number changed to 1.2.7

XRT Battery 3600W, IMS

- Revision number changed to 1.2.7

ZincBlue2 Software User Interface

Enhancements

- Revision number changed to 1.2.7
- ZincBlue2 Software now automatically reloads the cached web pages when ZincBlue2 Software is successfully updated.
- Status and Battery Capacity now displays as part of the STATUS indicator.
- Checkboxes are now aligned on System Settings, Network Settings and Messaging Settings.
- Corrected spelling of "Timezone" to "Time Zone".
- Corrected spelling of "Heat beat" to "Heartbeat" on Messaging Settings page.
- Updated the "Power Rating" on the About page to match the wording on the UPS LCD display.
- Updated the About page so that the order of information matches the About page on the LCD.

Where to Download

- This firmware and software update package is available on the Econolite One Stop Shop site at www.econolite/support. Under Product Resource Library under the Cabinets section.

- For assistance, contact your Econolite Field Service Representative or Econolite Technical Support at: 1-800-225-6480, +1-714-630-3700.