Alpha Technologies Software Update Notification:
Micro and SNMP Card Version 2.00.04

Date: February 8, 2017
Model #: FXM 350, 650,1100, 2000 & Micro 100, 350, 1000
Release: 2.00.04

Alpha Technologies is pleased to announce the release of 2.00.04 firmware release (for the Alpha FXM 350, 650, 1100, 2000 & Alpha Micro 100, 350, 1000 - uninterruptible power supplies).

New Features and Improvements:

Micro Card Firmware Version 2.00.04
- Improved battery runtime remaining algorithm
- Improved accuracy in battery temperature measurement
- Improved immunity against false DC overload alarm detection
- Added power outage as an alarm with user configurable time delay
- Added "output relay" configuration to open an external relay based on output voltage range
- Standard constant as a default charging method from the factory
- Fixed open issues:
  - Auto-battery test does not work if set to midnight
  - Overload fault remains too short for an email to be sent
  - UPS mode status is not refreshed on "Remain Tm" parameter screen on LCD
  - Can't change date and time using the RS232 connection when the date entered is the 31st day of the month
  - RS232 command "c#=X" fails if 'X'=15

SNMP Card Firmware Version 2.00.04
- Added ability to save event log to csv file from the webpage
- Added email authentication in clear text for SMTP server
- Added a time zone setting to time and date webpage
- Added open for discovery unsolicited ARP to detect unit's SNMP card by the networking switch
- Added power outage alarm webpages
- Access to network configuration section requires login
- Display IP address if DHCP is enabled on the webpage and FXM LCD
- Corrected upsSecondsOnBattery MIB definition to UPSMinutesOnBattery
- Fixed open issues:
  - Energy counter reached 2048kWh and is not measuring consumption any further
  - Incorrect time stamps on FXM event notifications

- o Implemented automatic status update for FXM350
- o Fixed refresh feature on unit configuration page
- o Fixed issue where alarm is in the table view, but not under SNMP UpsAlarmsPresent alarm count

All software updates for Alpha products can be found online:
http://www.alpha.ca/software-firmware-downloads

For additional assistance or if you have any questions regarding this notification, please contact Alpha Technical Support at 1-888-462-7487 or www.alpha.ca/report-a-problem.

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For assistance, contact Alpha Technical Support:
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Monday - Friday, 7:00 AM - 5:00 PM PST for regular inquires
24/7 for emergency support
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