

VERTIV™

Albér UXCM

Firmware Release Notes

VERSION 3.4.9.13

Release Notes Section Outline

- 1 Updates for This Release (Version 3.4.9.13)
- 2 Version 3.4.9.12 Update Information
- 3 Version 3.4.8.7 Update Information
- 4 Version 3.2.7.11 Update Information
- 5 Version 3.1.7.14 Update Information

1 Updates for This Release (Version 3.4.9.13)

- This release improves how discharge capture is handled in cases when the BDSUi loses power.
- This release enables support for the battery-backed real-time clock to set the correct time at power up.

2 Version 3.4.9.12 Update Information

- This release removed the ability to trip the UXBM-50 charger contacts via the discharge CT input channel.
- This release set the communication baud rate to the default to resolve communication issues with the Unity card after UXCM reset.
- With this release, the thermal runaway was computed using float current only; string current was not considered anymore.

3 Version 3.4.8.7 Update Information

- Float current hysteresis changed from 200mA to 20mA, resolution is 10 mA.
- Monitor watchdog changed from 60 to 90 seconds (potential timeout issue when all UXBM-50 devices offline).
- Increased maximum number of inter-tiers from 64 to 96.
- Disabled String cell voltage and low overall voltage alarms during discharge.
- Resistance test delay and alarm delay after discharge changed from 8 hours to 24 hours.
- Added string current resolution limited to 5 amps. Anything below is set to zero. Use float current for measurements under 5 amps.
- Added UXIME identifier.
- Increased cell voltage hysteresis from 10 mV to 30 mV and added 1V hysteresis to overall voltage measurement reporting.
- Firmware upgrade of UXBM-50 is supported when present and in bootloader mode.

4 Version 3.2.7.11 Update Information

- Added USB connectivity enhancements.
- UXBM-50 configuration information now loads for first UXBM-50 after power up.
- Added resistance test serialization by string. Only one string runs resistance test at a time.
- Discharge normalization changed from 72 hours to 8 hours.

- Thermal runaway alarm now needs to have all trigger events present before setting the alarm.
- Thermal runaway Charger Level alarms disabled during discharge normalization.
- Most recent inter-tier data for cabinet configurations is now loaded during start-up.

5 Version 3.1.7.14 Update Information

- The last stored resistance history data is now loaded into the current resistance view (rather than the oldest resistance history data).
- Resolved the clearing of some discharge alarms.