	Title	Author	Date
	Charge Amps Luna Firmware 1.7.5 Release Notes	Martin Borg	2025-10-07
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			1

Charge Amps Luna Firmware 1.7.5

Release Notes

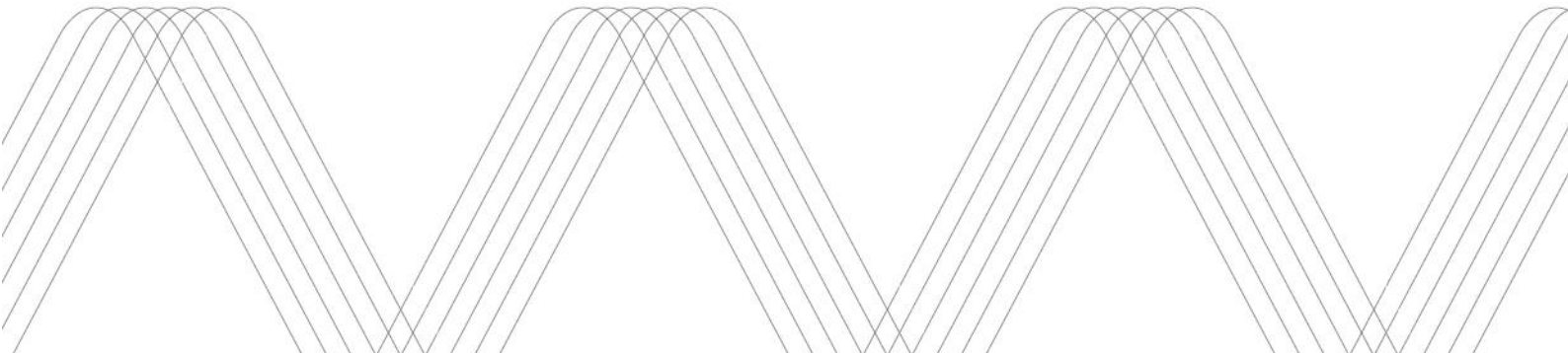


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Revision History

Version	Author	Date	Updates
1	Martin Borg	2025-10-07	First version

References

Nr	Description	Link
1	Charge Amps Luna OCPP API description	Available on request

Version 1.7.5

Release date 2025-10-07

Supported Charging Unit Revisions

- R1

Firmware Upgrade

- Supports firmware upgrade from all versions from 1.0.0 to 1.7.4

Bug Fixes

- Fix Wi-Fi settings bug in Factory Reset.

Known Issues and Limitations

- See Charge Amps Luna OCPP API description [1] for OCPP issues and limitations.

Version 1.7.4

Release date 2025-09-19

Supported Charging Unit Revisions

- R1

Firmware Upgrade

- Supports firmware upgrade from all versions from 1.0.0 to 1.7.3

Improvements

- Adjust Control Pilot measurements to improve timing stability.
- Improved servo lock algorithm to reduce wear.

Bug Fixes

- Ensure logo LED intensity is set correctly after reboot.
- Prevent application crash when modem is non-responsive.
- Fix bug in board revision detection in charger self-test.

Known Issues and Limitations

- See Charge Amps Luna OCPP API description [1] for OCPP issues and limitations.

Version 1.7.3

Release date 2025-08-15

Supported Charging Unit Revisions

- R1

Firmware Upgrade

- Supports firmware upgrade from all versions from 1.0.0 to 1.7.2

Bug Fixes

- Fixed modem connection bug related to firmware update rollback

Known Issues and Limitations

- See Charge Amps Luna OCPP API description [1] for OCPP issues and limitations.

Version 1.7.2

Release date 2025-06-16

Supported Charging Unit Revisions

- R1

Improvements

- Updated RCD firmware to resolve ground failure issues for certain car models.
- Updated modem firmware for EN 18031 compliance.

Bug Fixes

- Fixed issue where charger could get stuck in Preparing state after rapid cable reconnect.

Known Issues and Limitations

- See Charge Amps Luna 1.7.0 OCPP API description [1] for OCPP issues and limitations.

Version 1.7.1

Release date 2025-03-19

Supported Charging Unit Revisions

- R1

Bug Fixes

- Fix bug that caused cable lock to retry locking indefinitely on failure when permanent lock is enabled.

Known Issues and Limitations

- See Charge Amps Luna 1.7.0 OCPP API description [1] for OCPP issues and limitations.

Version 1.7.0

Release date 2025-03-05

Supported Charging Unit Revisions

- R1

New Features

- Relay weld detection
- Support for charging limitation reporting to CPMS via DataTransfer
- High-level network supervision to reboot after 2 hours offline (configurable timeout)

Improvements

- Updated RCD firmware to avoid ground failure when charging ends for some car models.
- Improved error reporting, InternalErrors categorized with Info field.

Bug Fixes

- Fix bug that caused soft reset to stop working after failing once.
- Fix bug that caused a 0A smart charging profile to be ignored during ongoing phase change.
- Fix bug that caused the charger not to enter Preparing/Charging state after availability is toggled while cable is inserted.
- Synchronize change of charging PWM duty cycle with end of a period.
- Fix bug that caused GroundFailure to occur outside of a charging session.

Known Issues and Limitations

- See Charge Amps Luna 1.7.0 OCPP API description [1] for OCPP issues and limitations.

Version 1.6.4

Release date 2024-12-05

Supported Charging Unit Revisions

- R1

Improvements

- Updated amplitude map calibration for ISO 15118 SLAC test in production.

Bug Fixes

- MMC firmware upgrade to fix system boot failure due to inaccessible flash memory.

Known Issues and Limitations

- See Charge Amps Luna 1.6 OCPP API description [1] for OCPP issues and limitations.

Version 1.6.3

Release date 2024-11-20

Supported Charging Unit Revisions

- R1

Bug Fixes

- Fix Bluetooth server bug in production mode for ISO 15188 SLAC test.

Known Issues and Limitations

- See Charge Amps Luna 1.6 OCPP API description [1] for OCPP issues and limitations.

Version 1.6.2

Release date 2024-11-12

Supported Charging Unit Revisions

- R1

Improvements

- Production test for ISO 15118.

Bug Fixes

- Fix power-loss bug that may cause the total energy measured to be reset to 0

Known Issues and Limitations

- See Charge Amps Luna 1.6 OCPP API description [1] for OCPP issues and limitations.

Version 1.6.1

Release date 2024-09-30

Supported Charging Unit Revisions

- R1

New Features

- Added OCPP configuration key for enforcing a servo recalibration on next reboot.

Improvements

- Improved short-circuit detection algorithm.

Bug Fixes

- Added compensation factor for voltage measurements when three phases are active.
- Clear error code when recovering from ground failure and connector lock failure.
- Fix for Bluetooth becoming unavailable after initial session disconnects.

Known Issues and Limitations

- See Charge Amps Luna 1.6 OCPP API description [1] for OCPP issues and limitations.

Version 1.6.0

Release date 2024-09-09

Initial release for production.

Supported Charging Unit Revisions

- R1

Known Issues and Limitations

- See Charge Amps Luna 1.6 OCPP API description [1] for OCPP issues and limitations.