Charger 2 (2. Generation) – Software Updates

Changelogs:

R04.004.045.303-elli	17.12.2025	**New functions** • Uploading of new firmware to ensure compliance with the Technical and Organizational Rules for Grid Operators and Users (TOR). (Valid for Austria) **Connectivity & Communication** • Charger connectivity: Upgrade to improve stability of Internet and backend connections • Communication between the charger and backend: OCPP and other basic communication actions have been stabilized • Other general upgrades **Software & User interface** • Charger configuration: Data encryption has been enhanced via HTTPS access and country support, display of the system information is improved, general handling and PUK entry is optimized • Software update: Upgrade to improve stability of software update process • LED display: Corrected behavior and optimized display • Charger settings: Improved stability after factory reset • Operating system: General upgrades to improve stability **Charging Functions & Energy Management** • Charging function: Improvements to phase

R03.004.045.121-elli	13.10.2025	**New functions** • OCPP Open Backend: Now you can also control and configure the charger via the backend of third-party providers. You can restore the original Elli backend connection with a factory reset. • Modbus server: You can now run the charger as a Modbus server, which allows you to control compatible Modbus-capable energy management systems. • Display and control elements: Standby mode has been added. If there is no interaction after 120 seconds, standby mode is activated automatically (as long as no other activities are currently in progress, such as charging, updating, etc.). This is indicated by a blinking white LED in the center of the LED strip. Using this mode extends the service life of the LED. • Resetting customer settings: Use this function to reset all customer settings. The factory settings (country, phase configuration, power limitations, etc.) will be preserved. • Charging history: Now you can download the charging history as a CVS file. The file contains information that you can use e.g. for documentation or analytical purposes. Additional information is also available (such as most recently started charging with units, counter start, counter stop, authorization token).

R01.004.041.009-elli	10.03.2025	**Connectivity & Communication** • Vehicle communication: Communication settings adjusted and stabilized • Vehicle communication via ISO 15118: Communication interface stabilized • Charger connectivity: Internet connections stabilized • Communication between charger and backend: Connections stabilized • EEBUS communication: EV detection improved **Charging Functions & Energy Management** • Loading authorization: Transactions optimized • Dynamic PV charging: Charging via the Home Management System (HEMS) optimized and values updated • Smart charging: Profile recognition improved • Charging function: Settings options improved • Control: Control interface to grid operator (§14a) stabilised • Modbus Meter: List of compatible devices extended **System Stability & Security** • Overload protection: Functionality stabilized at the limit • Error handling: Error output and display optimized

R01.003.038.006-elli	04.11.2024	• A bug has been fixed where the automatic switch from 1-phase to 3-phase charging was not executed correctly when exiting solar surplus mode.
Technical details	04.11.2024	Technical Datasheet