

## Charger 2 (2. Generation) – Software Updates

**Changelogs:** 

elli

- 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).

elli

- 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
- Certificate handling: Certificate renewal

R01.003.038.006- 04.11.2024

elli

 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 <u>Technical Datasheet</u>