

Release note

FW v1.1.12 / Android app v1.1.0

2022-06-07

To achieve new features and bug fixes please use latest [FW](#) and [Teltonika Energy app](#) versions.

NEW FEATURES:

- Resume charging process after power was down.
- New tab “Date & time” – in this tab user have ability to set time or sync it with phone. It is required for scheduler and other functionality which requires time.
- 2 types of factory reset:
 - User factory reset – available in “Device info tab”. User can reset all settings from the main menu (charger name, currency, NFC cards info, load balancing...). Installer menu settings do not change.
 - Installer factory reset – available in “Installer menu”. Installer can reset **ALL** settings to the default values.
- Dynamic Load balancing – new feature to balance load in the site. How to install this feature check [here](#) (Will be updated).
- OCPP 1.6 core and local auth list management – new feature for communication between charger and cloud server. To connect charger to cloud server, user have to insert server URL address and charge point identity number:

Fixed/improved

- Usage graphs and sessions – this feature is fully implemented and now shows correct data.
- EV connection status changed from “disconnected” to “No EV connected” and “Fully charged” changed to “Charging finished” – easier understand that this shows EV status, not Bluetooth.
- Ethernet tab shows correct connection details.
- NFC issues fix.
- Full communication via BLE.
- Other small bug fixes.

INSTALLER MENU CHANGES:

New functions:

- **Supply voltage** – Installer now have ability to set nominal supply voltage (L-N) to avoid input voltage problems. It is good because voltage can be different in different countries. For example, LT – 230V; US – 120V; BE – 130V/230V;
- **Upper/Lower voltage tolerance** – Installer now have ability to set voltage upper/lower tolerance. There can be places where voltage fluctuations are high and to avoid input voltage problems you need to increase voltage tolerance from the nominal value. For example, if Supply voltage is 230 V and both tolerances are set 10 %, that means input voltage can fluctuate from 207 V to 253 V (230 V +/- 10 %).
- **Three phase charging** – This button is for three phase charging activation.

- **Phase priority** – Installer have ability to prioritize which phase should be used if 3 phase charging is disconnected.
- **Dynamic Load balancing** - This button is for dynamic load balancing activation.
- **Use preferred phase** – This button is for preferred phase activation.

Changes functions:

- **Max current → Max power from grid** – With this slider installer can set maximum grid power if dynamic load balancing is activated. If dynamic load balancing is not active this feature works as max current, which limits charging power.
- **Charger is mounted inside/outside → Charger location is ventilated Yes/No** – This feature is required to be activated if user trying to charge EV which require ventilation (**Charging process done in state D**)
- **Max. temperature → Temperature warning;** - Installer have ability to increase temperature level from 60 to 80 °C. When charger reaches level which is set it start decreasing charging power (this is how it ventilates). When charger reach 80 °C charging process stops.