Android/iOS v1.4

FW v1.4

Improvements

Cyber security   OCPP Smart Charging

To achieve new features and bug fixes please update charger to the [latest firmware](#) (v1.4.2) (1.4.3L) version and app (Android/iOS) latest versions.

- *Cyber security*

WSS (Web Socket Secure) protocol is implemented in FW version. That means, encrypted information can be sent. WSS is encrypted, thus protecting against man-in-the-middle attacks. A variety of attacks against WebSockets become impossible if the transport is secured.

- *OCPP smart charging (Function can be configured via OCPP server only)*

It is possible to charge EV at the selected power and periods of day time. All OCPP Smart Charging profile types are supported. Up to 9 different profiles with up to five time periods each.

New features

OCPP certifications and keys   Troubleshooting   New settings in load balance   Energy meter selection

- OCPP certifications and keys

Be able to add needed certifications and keys. 3 types of certificates:

- Root certificate
- Client certificate
- Private key

- Troubleshooting

From now on, in the Teltonika Energy app you can download troubleshooting file. With this file, Technical Support will be able to identify client's problem faster and find solutions accordingly. Troubleshoot file can not be used by the Installer.

- New settings in load balance

Be able to choose energy meter type, which will be used for the load balancing. Meter type setting is available in the app and the setting has two options: 1 phase, 3 phase (link).

- Energy meter selection

Option to use data from external energy meter for power consumption calculations. New setting in the app for activating this function. Total values from energy meter also will be used in the OCPP. When this function is activated, dynamic load balancing function will not be active.

Fixes

- Version update bug fix
- App crash
- App Data Visualization
- 1.4.3L - connection through web socket secure (WSS) to OCPP back-end server can be done without uploading security certificates.
- Connection through web socket (WS) to OCPP remains the same.

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