



Ocpp 1.6J Integration Hesotec Charging Points

electrify eSat & eBox Series
for electric & hybrid vehicles
Version: 01.2023



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1 Preparations

All hesotec electrify charging solutions can be integrated with various backend providers via Ocpp 1.6J. In order to be able to make the corresponding settings, some preparations must first be made.

Note: Only possible with technician access!

1.1 Partner Portal

We recommend registering in our electrify Partner Portal. After successful testing as an installer or dealer, you will have the opportunity to access all materials, such as installation instructions, sales documents and much more: Installation instructions, sales documents and much more.

<https://electrify.hesotec.de/partner>

1.2 electrify Charge Management System (eLMS)

Technician access is mandatory for integration into an external backend via OCPP. To do this, register in our electrify charge management system.

<https://elms.hesotec.de>

To activate the technician access, please contact us after successful registration.

Note: Obtaining technician access only for qualified personnel / installers!



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1.3 electrify Charge Control App (ecc App)

The ecc app is available in the Google Play Store and Apple App Store. To install, simply use the corresponding QR code or search for electrify Charge Control in the respective store.

Google Play Store

eCC App für Andoid
Für Smartphones und Tablets
ab Android 5.0

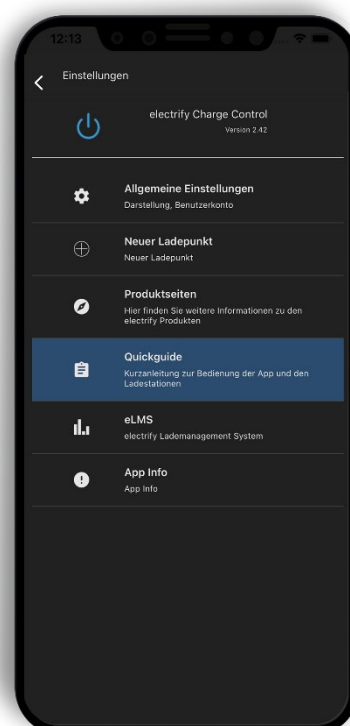


Apple App Store

eCC App für iOS
Für iPhones und iPads
ab iOS 13



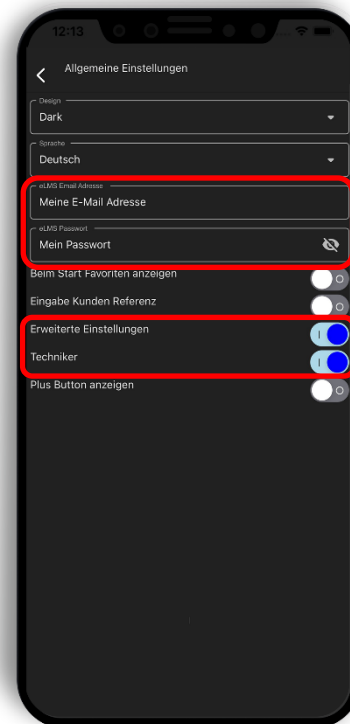
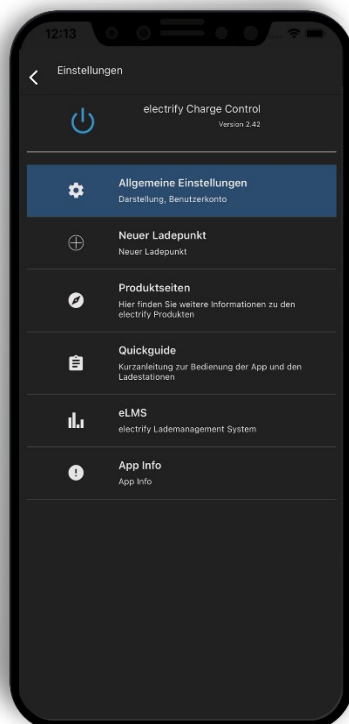
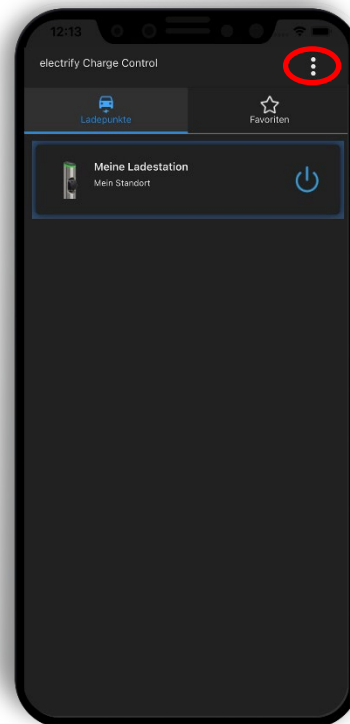
For information on setting up the charging station for the first time, see the [Quick Guide](#) in the App.



1.4 Activation of Technician Access in the eCC App

To activate the technician, the data from the eLMS registration must now be stored in the eCC app:

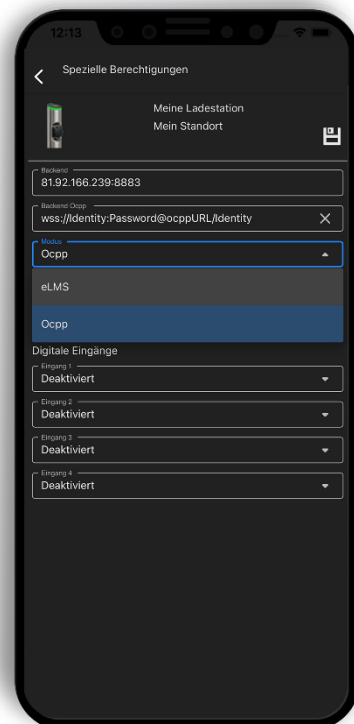
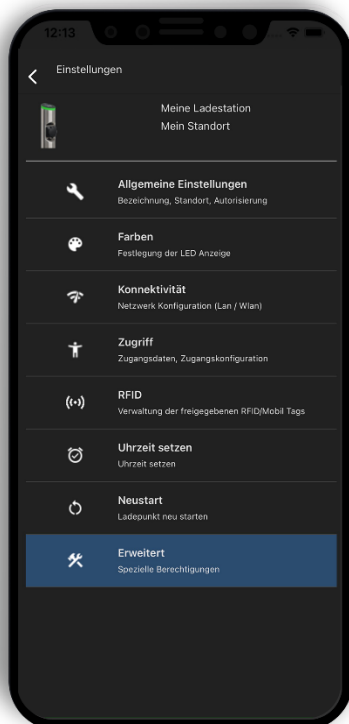
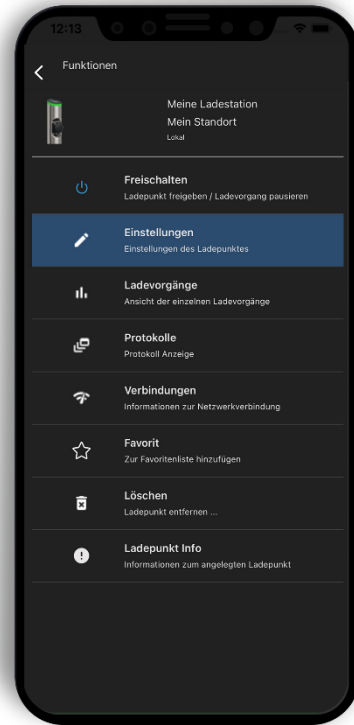
- Click on the three dots at the top right
- Select the general settings
- Enter your e-mail address and password from the eLMS registration
- Activate the advanced settings and the Technician
- Return to the main screen



2 Integration of the charging station into an external backend

After successful registration and installation of the app, the integration into the external backend via Ocpp 1.6J follows.

- Establishing a connection to the charging point via hotspot (Quickguide)
- Select the charging point and click on Settings
- Click on Advanced (activation of technician required)
- Under "Backend Ocpp" enter the appropriate Ocpp host
- Change mode from eLMS to Ocpp



3 Format Ocpp Host

The charging station is identified exclusively for all Hesotec electrify charging solutions via the Ocpp host. The corresponding structure is shown below:

With HTTP Basic Authentication and encrypted websocket connection

wss://Identity:Password@Ocpp-URL/Identity

With HTTP Basic Authentication and without encrypted websocket connection

ws://Identity:Password@Ocpp-URL/Identity

Without HTTP Basic Authentication and encrypted websocket connection

wss://Ocpp-URL/Identity

Without HTTP Basic Authentication and without encrypted websocket connection

ws://Ocpp-URL/Identity

4 Notes

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