

Autocharge Guide

How to automatically charge your Electric Vehicle with Autocharge

Autocharge creates a seamless EV charging experience, eliminating the need for external devices like Apps or RFID cards for authentication.



*The industry for Electric Vehicle charging is developing at a fast pace and so are the solutions we provide.
This document is a living document and may be updated with revisions and changes over time.*

Introduction

Autocharge is easy to use and enables a charging station to automatically authorize and start charging an electric vehicle (EV) without requiring the driver to use an app, RFID card, or other external device. This guide provides step by step instructions for activating Autocharge for EV Drivers as well as technical information for Charging Station Operators.

EV Drivers

How to activate Autocharge

- 1.** Download the App. The App can be downloaded from both the Apple AppStore (for iPhone) and Google Play (for Android). You can also use an RFID device if it is setup and connected to your account.
- 2.** Create an Account and add a payment method.
- 3.** Add your vehicle and fill in the registration or license plate number.
- 4.** Use the App (or RFID device if setup for your account) to start a charging session.
- 5.** Follow the instructions shown in the App until you reach the success screen.
- 6.** An email will be sent to you to notify you that Autocharge is now active for your account.

EV Drivers

Charging with Autocharge

Most EVs with CCS connectors that support two-way vehicle data sharing are compatible with Autocharge.

If your vehicle supports Autocharge but you haven't activated it yet, the app prompts will guide you through the process.

With your confirmation and consent your vehicle's unique identifier (MAC address) is securely linked to your account, and your payment details are stored by a secure and trusted payment provider (for example Stripe) for immediate charging access.

After activation, plug in your vehicle and our technology swiftly validates your identifier and account details, granting you permission to start charging within seconds.

You can monitor your charging sessions progress from the app and start and stop charging session as needed. You have the flexibility to temporarily disable Autocharge via the app when sharing your vehicle or selecting an RFID card for initiating a session before plugging in.

Charging Station Operators

Technical

AutoCharge works with any DC charger or AC charger that has the necessary hardware and software support.

Autocharge works on DC charging stations. Autocharge can work on AC chargers that use a special charging cable (ISO 15118-3 power line communication). This is a function that is built in by the manufacturer of the charging station.

The car sends an identifier (MAC address) which can then be used by the charge station management system (CSMS) in the same way as an RFID device.

If there is support for Autocharge in the charge stations hardware, the operator can choose if a customer should be able to add their vehicle themselves or if this must be done via the back office only (where the operator can activate Autocharge manually).

If it is the first time the vehicle will charge the Autocharge identifier will be retrieved from the CSMS. If the customer can add themselves, they can follow the prompts in the app to activate Autocharge. In the first instance the customer will be required to activate the charging session with app or an RFID device, the identifier is then associated with the right customer in the CSMS and future charging sessions with the same vehicle can be started without requiring an app or RFID, i.e. they can just plug-in, and the charging session starts. Where applicable the charging session will be billed to the payment method the customer has registered in the app.

Do you have questions?

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*Suggestions for improvement? We are happy to receive your feedback.
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