

EO CHARGING APP

↘ USER GUIDE



→ TABLE OF CONTENTS

Important: Read carefully before use. Keep for future reference.

1.0	Introduction	1
2.0	Getting to know the EO Charging app	2
3.0	Initial registration of the Mini Pro 3	3
4.0	Setting a charge schedule	12
4.1	Overriding	14
5.0	Settings and history	15
5.1	Account	16
5.2	Charge point	16
6.0	Solar charging schedule	17
7.0	EO Mini Pro 3 status light	19
7.1	Charger status light on power-up	19
7.2	Normal operation	19
8.0	Technical support	20



→ 1.0 INTRODUCTION

Welcome to your new EV charge point, the EO Mini Pro 3.

This guide will cover the registration process for the EO Mini Pro 3 using the “EO Charging” smartphone app.

- + The Homeowner will need to have the EO Charging app downloaded to their mobile device. The “EO Charging” app is available for both Android and iOS devices.

If the app is yet to be downloaded, you can do so by heading to the EO website here:

<https://www.eocharging.com/download-app>.

- + When setting up the charger for Wi-Fi make sure to have the home router username and password available.



Please note: The homeowner should position themselves next to the charger for carrying out the initial registration steps.



It is important to note that the information in this document is subject to change without notice as the EO Charging app evolves, please download the latest version from:

<https://www.eocharging.com/support/home-charging/eo-mini-pro-3>



→ 2.0 GETTING TO KNOW THE EO CHARGING APP

1. Access to scheduling
2. Logging out of the app
3. Home screen
4. Settings and history
5. Stop & start charging
6. Tariff settings (where available)

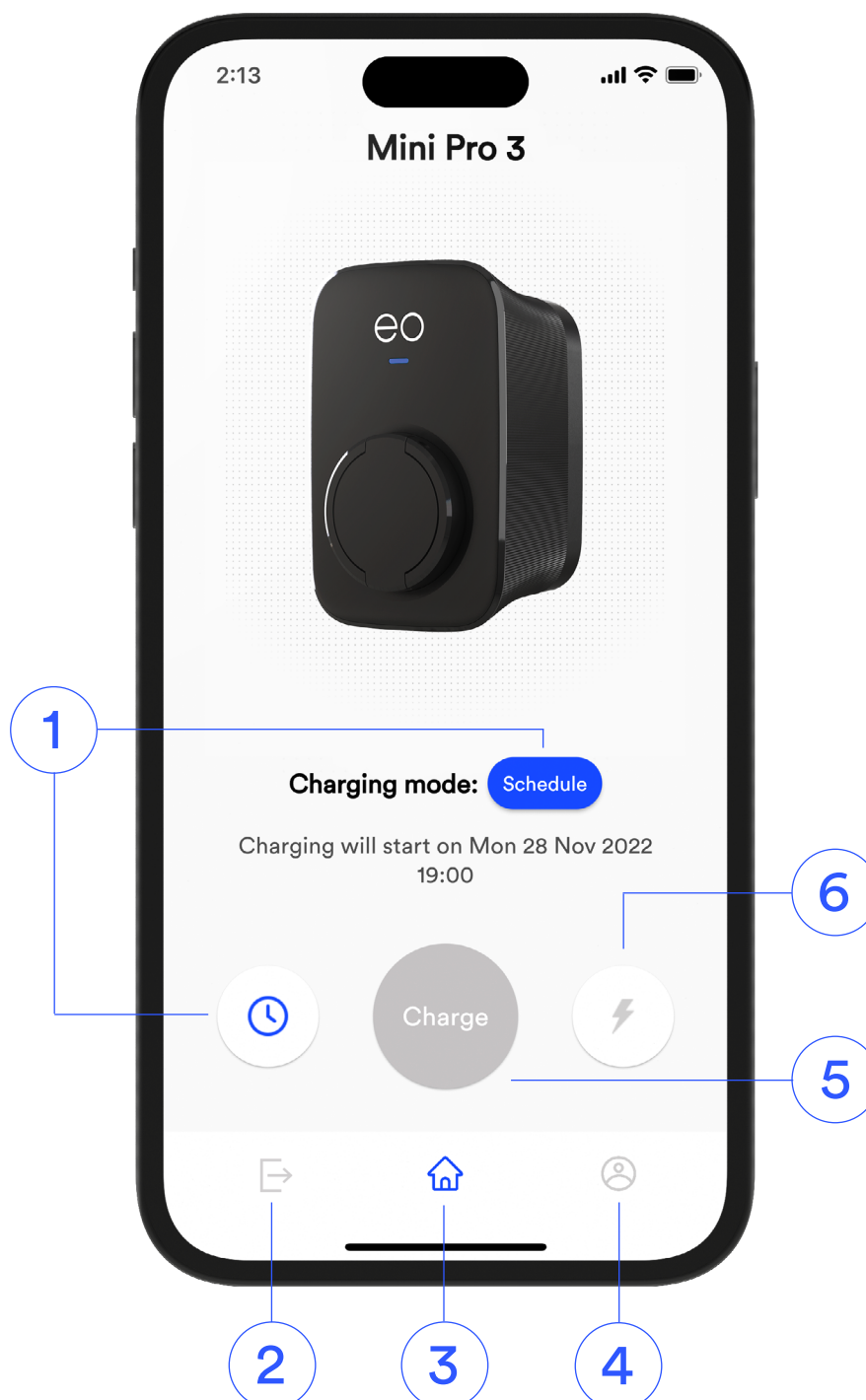


Figure 1: EO Charging app dashboard.



→ 3.0 INITIAL REGISTRATION OF THE MINI PRO 3

The following assumptions are:

- + The Wi-Fi strength from the home router to the charger has been verified as being suitable at point of installation or an ethernet cable has been fitted and connected to the home router. If a GSM unit is fitted, follow the process for ethernet connection.
- + The charger must be powered on and display a blue pulsing status LED.

Allow 10 minutes after charger power-up before you begin the registration process.

1. Download and launch the EO Charging app on either your iOS or Android mobile device.
2. Create a unique account by entering a valid email address.



Do not use an account already registered with another EO device.

3. Create your secure password.



Figure 2: Registration email.

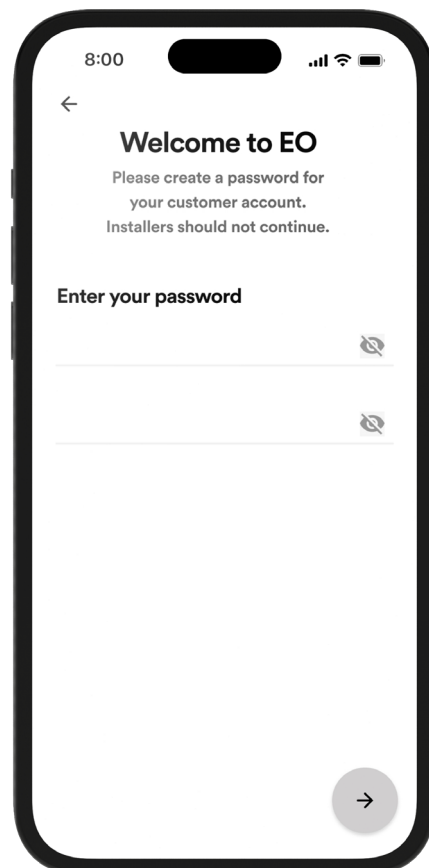


Figure 3: Terms and conditions.



4. A code will be sent to the email address you had entered. Enter this code into the app to verify the account.

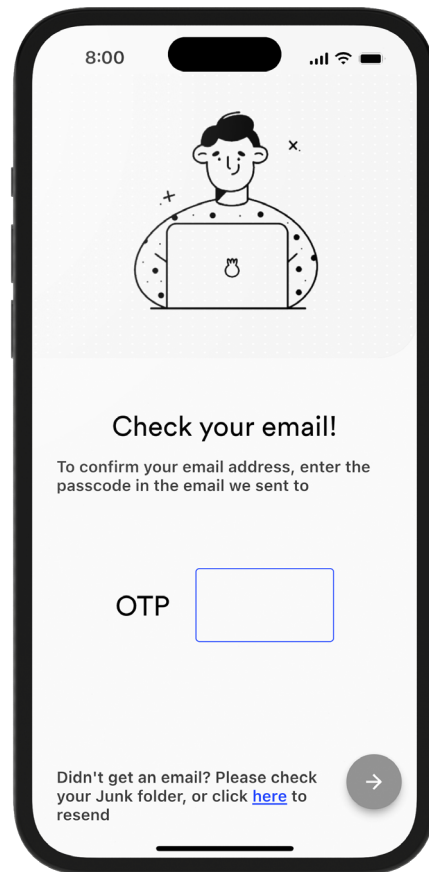


Figure 4: One Time Passcode (OTP).

5. Accept the terms and conditions.

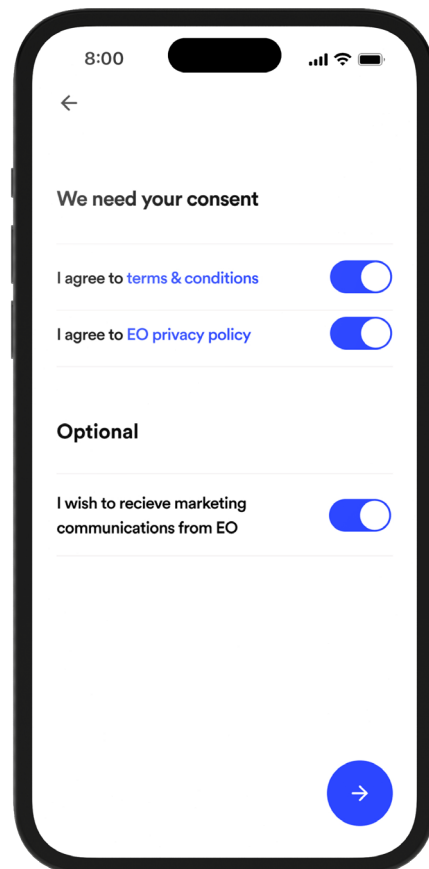


Figure 5: Accept terms and conditions.



- Your account has now been created and you will be guided to setup your charger.

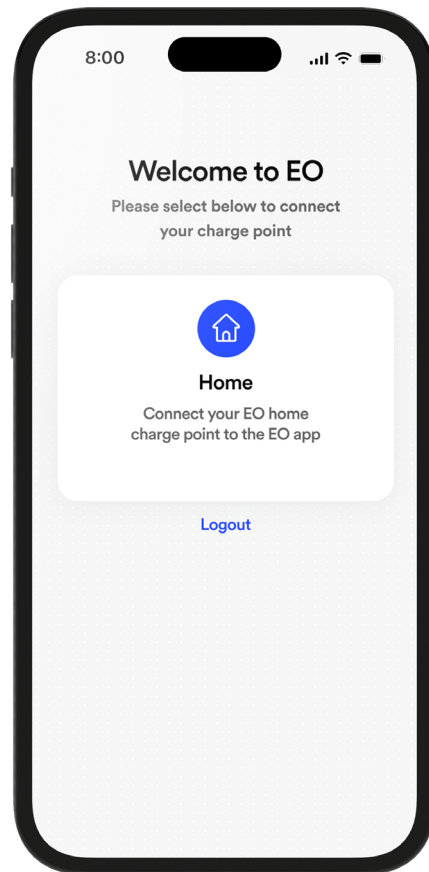


Figure 6: Welcome to EO.

- Scan the charger left QR code on the card provided in the packaging or manually enter the charger serial number, resembling:

eo-12345678901234

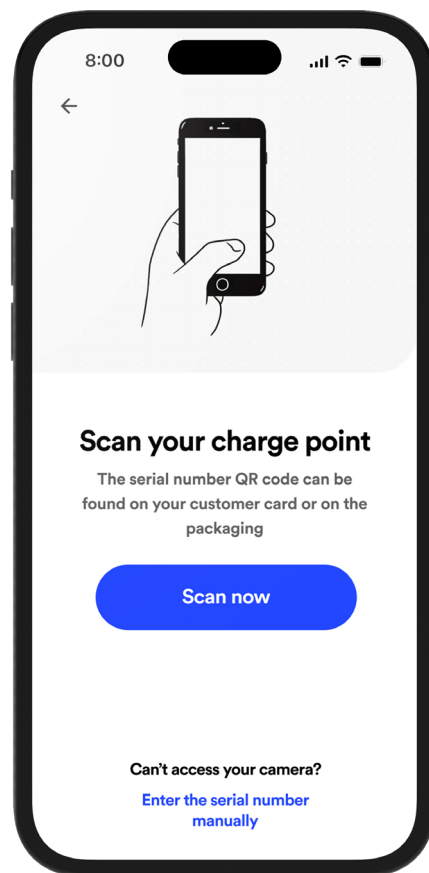
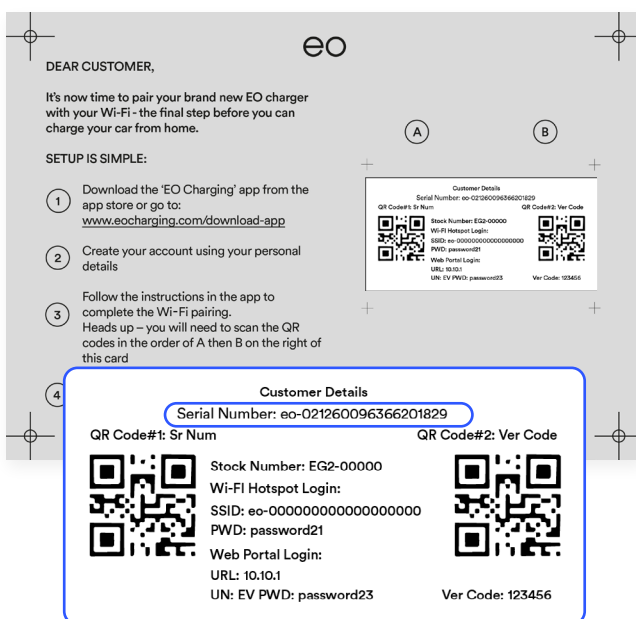


Figure 7: QR code scanning.

- Scan the verification code QR code (right) on the card provided in the packaging or manually enter it, it will be a random 6-digit number resembling:

123456

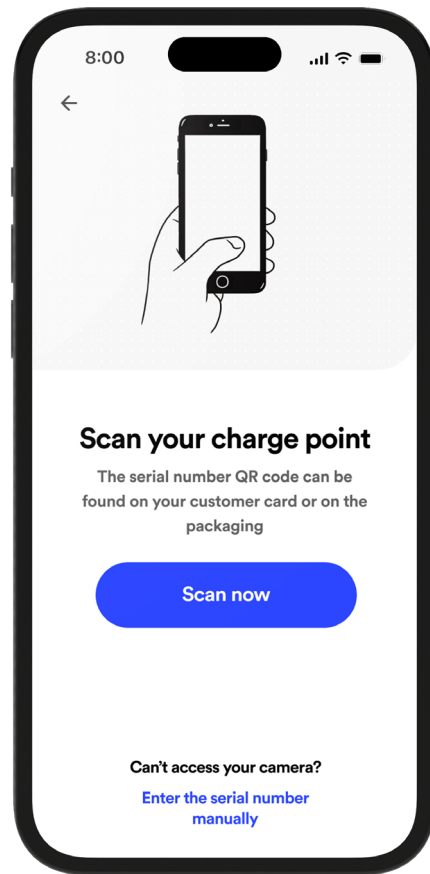
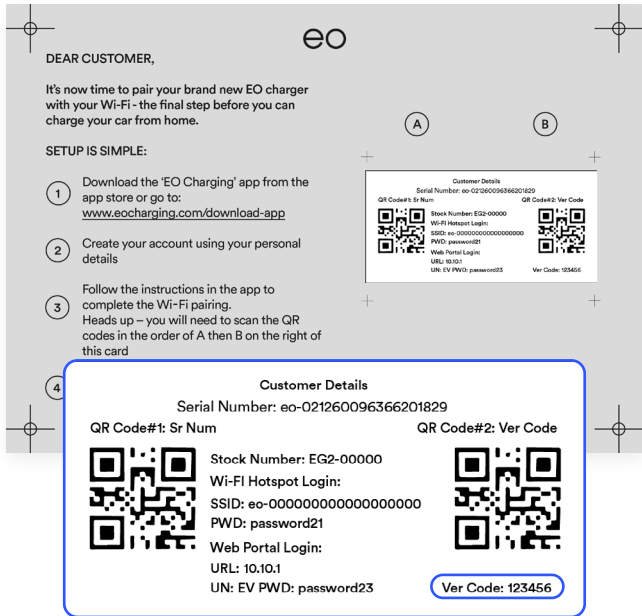


Figure 8: QR code scanning 2.

- You will then be asked to pair with your charger to configure Wi-Fi, it will connect to the Mini Pro 3 via Bluetooth so you will need to do this in the vicinity of the charger point.



Note: *If your device is already connected via LAN or GSM you can skip the Wi-Fi setup and continue.*

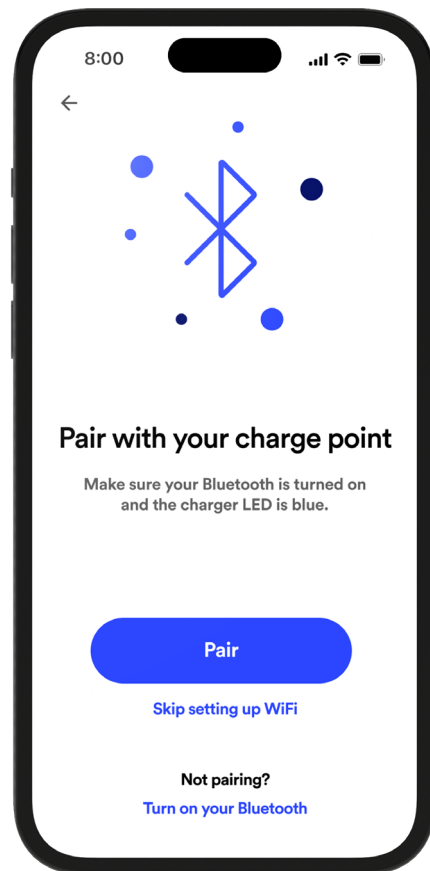


Figure 9: Pairing with your charge point.



10. The charger will prompt you to select your home Wi-Fi router. Select your router from the list of devices found.
11. Enter your router access credentials. These are what you normally use to add a device to your home Wi-Fi.

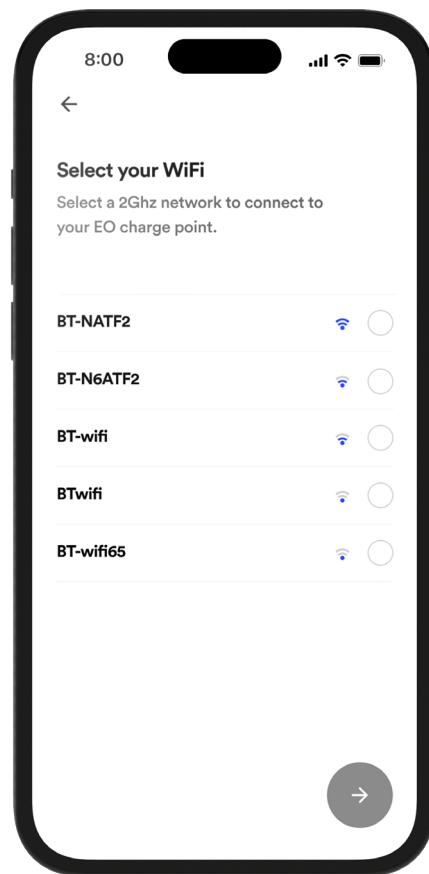


Figure 10: Home Wi-Fi selection.

12. Your Mini Pro 3 charger will now begin its registration and update process. This may take a few minutes to complete.

If required, you can navigate away from the EO app as the process will not be interrupted.

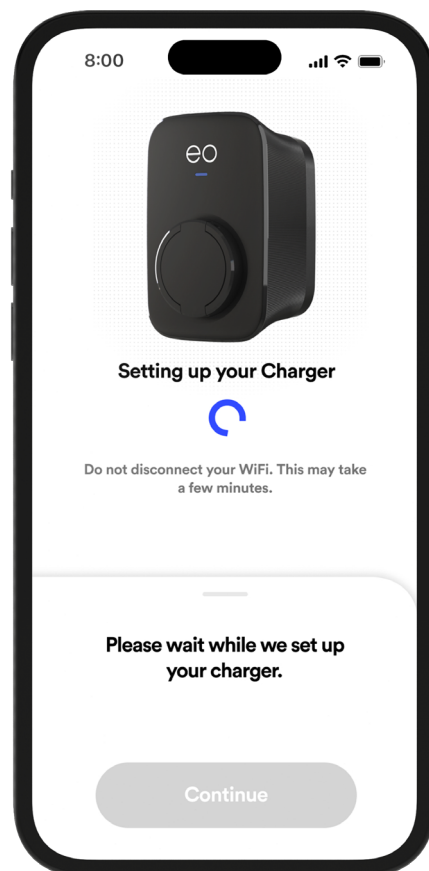


Figure 11: Processing registration.



- The “continue” button will change to blue when this process is complete. Please then press this button and the app will prompt you to enter your details such as name, address, etc.

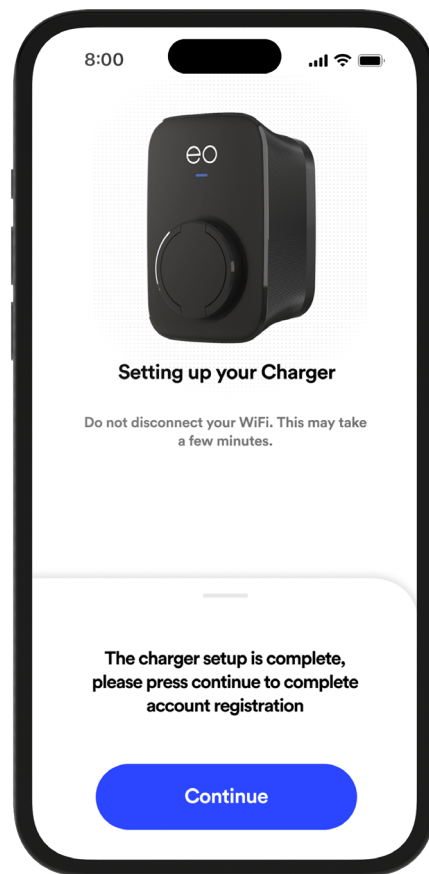


Figure 12: Successful registration.

- Enter your name.

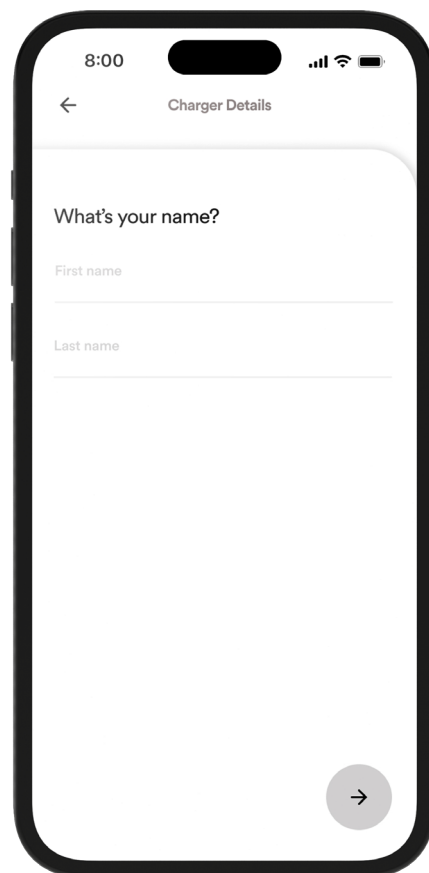


Figure 13: Enter your name.



15. Select your country, this will help us find your address.

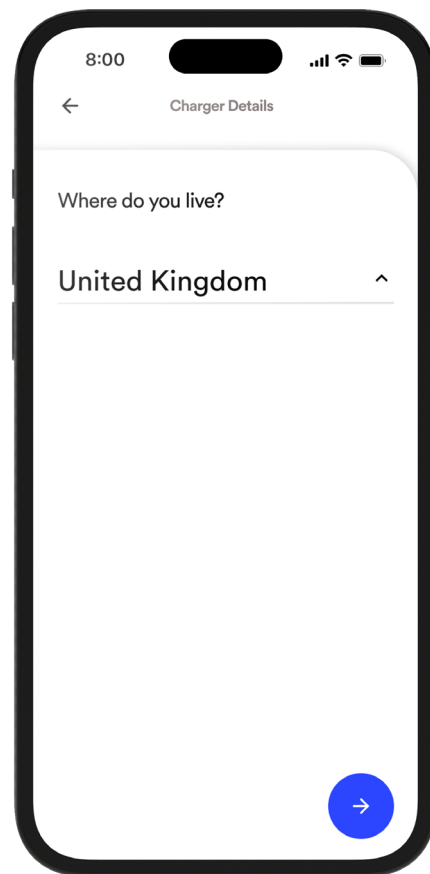


Figure 14: Select country.

16. Begin to type in your address, as you are typing your address should appear at the bottom of the screen allowing you to click your address and auto fill.



Figure 15: Confirm your address.



17. Please then confirm your details entering your postcode if we haven't found a match.

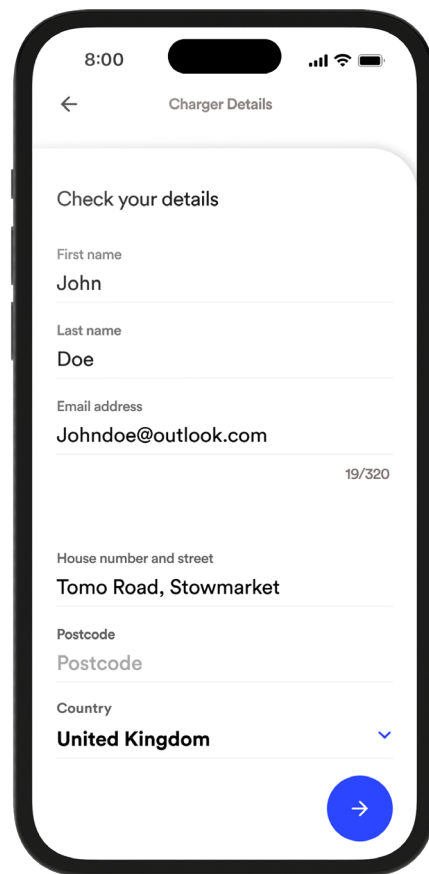
A smartphone screenshot of the 'Charger Details' form. The form is titled 'Check your details' and contains the following fields: 'First name' with the value 'John', 'Last name' with the value 'Doe', 'Email address' with the value 'Johndoe@outlook.com' and a character count '19/320', 'House number and street' with the value 'Tomo Road, Stowmarket', 'Postcode' with the placeholder 'Postcode', and 'Country' with the value 'United Kingdom' and a dropdown arrow. A blue arrow button is at the bottom right.

Figure 16: Confirm your details.

18. Your initial product registration is now complete, your charger is now setup on our system and ready for use.

You can now continue and personalise your device.

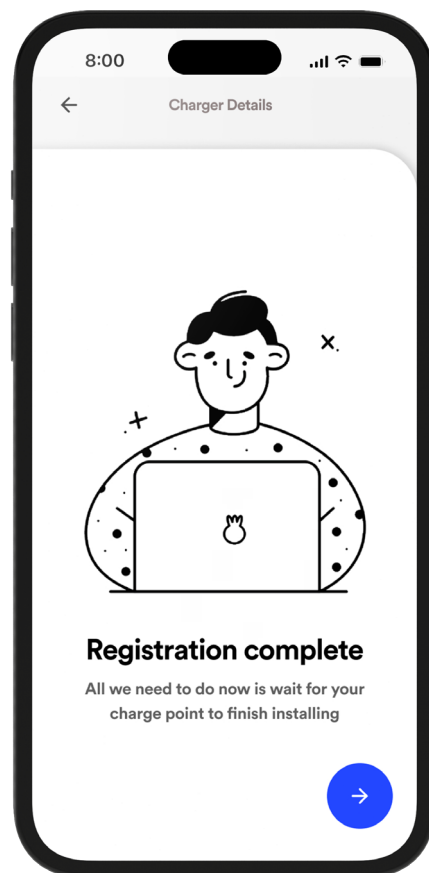


Figure 17: Registration complete.



19. Give your charger a name so that you can identify the charger you are using in the app.

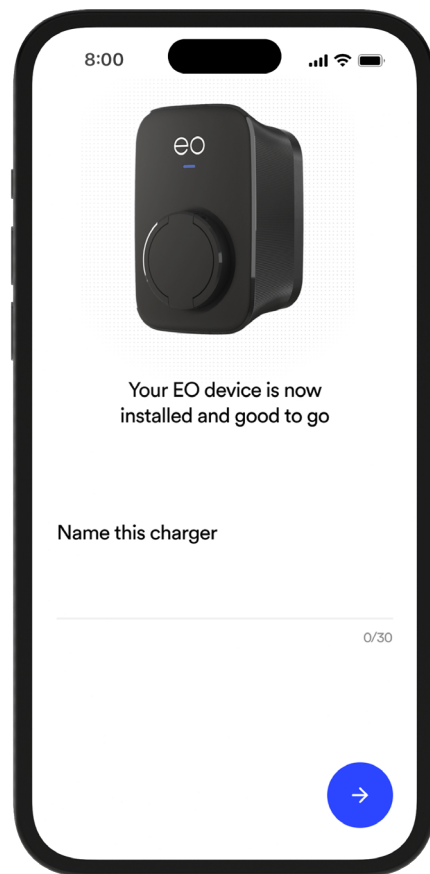


Figure 18: Name your charger.



→ 4.0 SETTING A CHARGE SCHEDULE

Once the registration process is complete you are ready to set up your Mini Pro 3 for charging.

1. Choose the charging mode required. Press the “Charging Mode” button or the “Clock” icon to enter the options. Two modes are available, “Auto” or “Schedule”.

“Auto” mode will allow the charger to operate immediately when a vehicle is plugged in.

“Schedule” mode will only allow a charger session within the scheduled time window set.

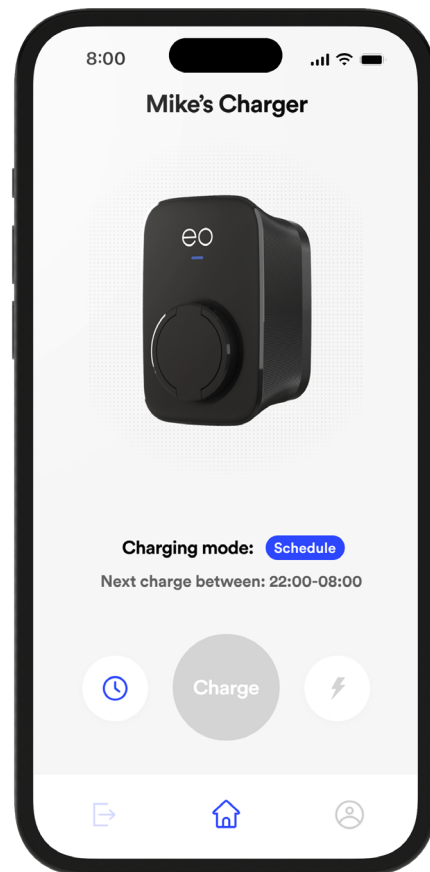


Figure 19: Charge mode selection.

2. Within the charging mode page select “Custom”. This will give you the flexibility to set a schedule that works for your lifestyle.

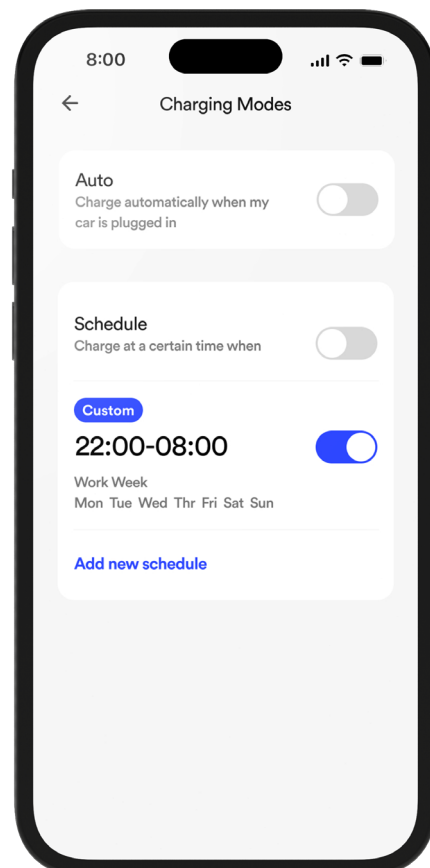


Figure 20: Schedule charging.



3. Set the time schedule required and add days of the week you wish the new schedule to apply.

Save the new setting and return to the home screen.

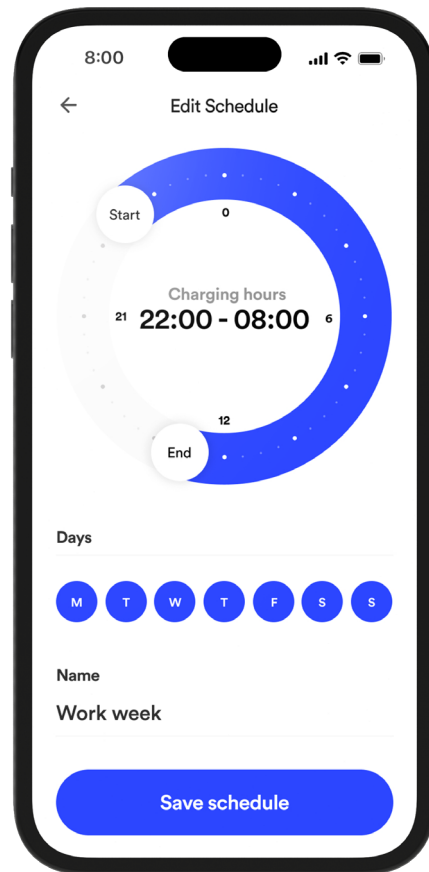


Figure 21: Creating a custom schedule.

4. To delete a schedule please scroll to the bottom of the custom schedule page and press the delete schedule button.

You will be asked to confirm if you wish to delete this schedule, do so by pressing delete schedule.

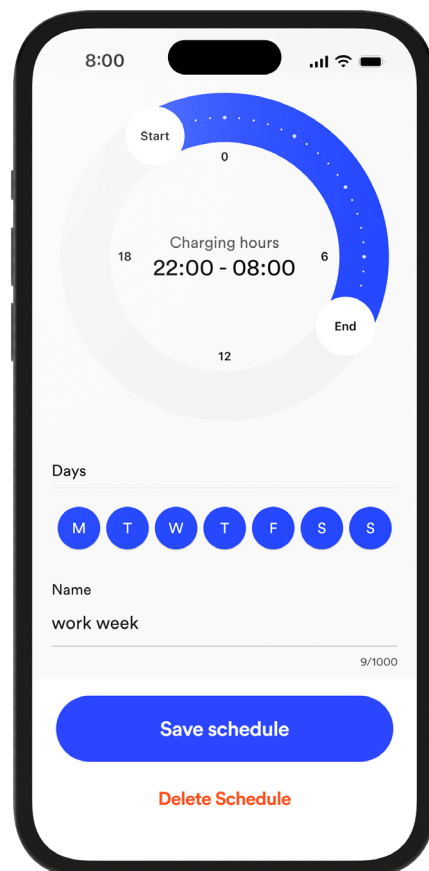


Figure 22: Deleting a schedule.



4.1 OVERRIDING

1. In addition to charging from a custom schedule you are able to override any programmed schedule by pressing the charge button.

When the vehicle is plugged in the charge button will illuminate blue and will allow you to press it prompting an override schedule to appear on your screen.

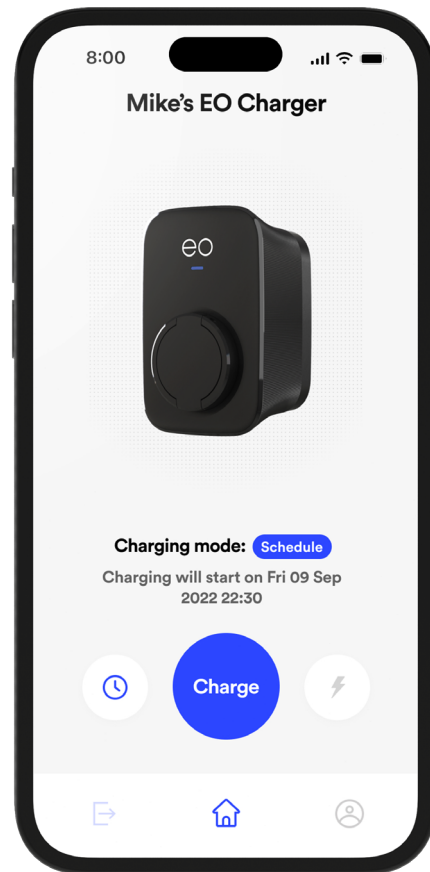


Figure 23: Schedule override.

2. An override option is available and offers increments of 60 minutes, offering up to a maximum of 3 hours, therefore if you have a schedule set, you can override the schedule by pressing the Charge button and selecting the override option you desire.

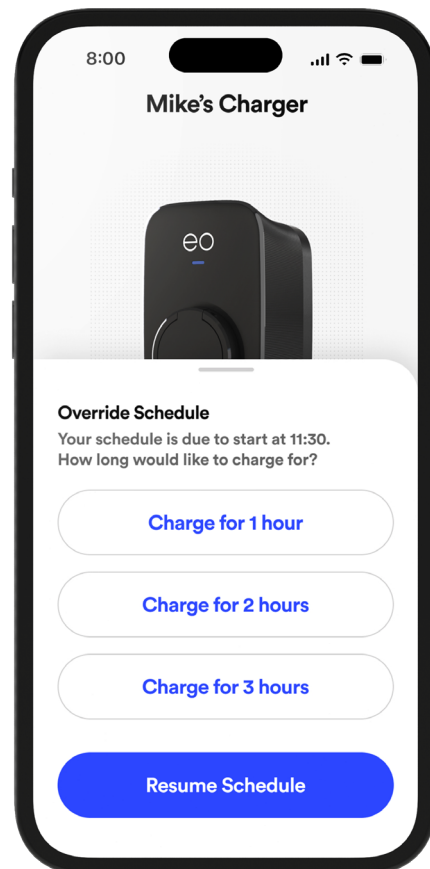


Figure 24: Selecting an override..



→ 5.0 SETTINGS AND HISTORY

1. To enter this section, select the “Settings & History” icon lower right on the home screen.

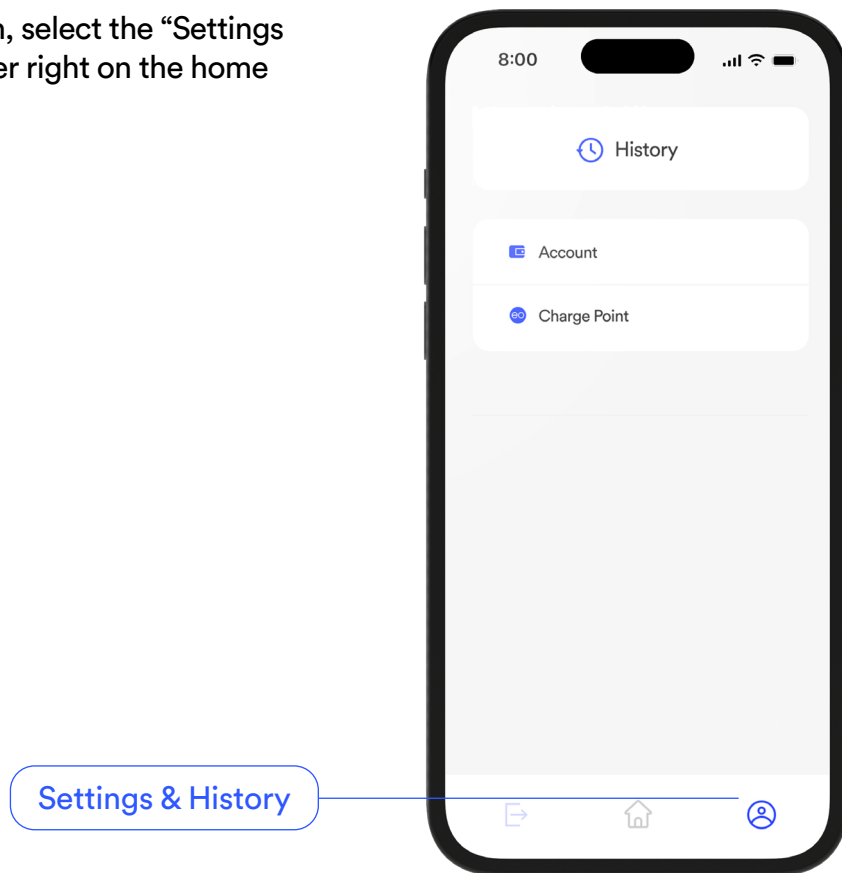


Figure 25: Settings.

2. Charge session history. Selecting “History” will provide access to historic charge session information. Charge sessions can be viewed by using one of two filters, “Latest” or “Month/Year”.

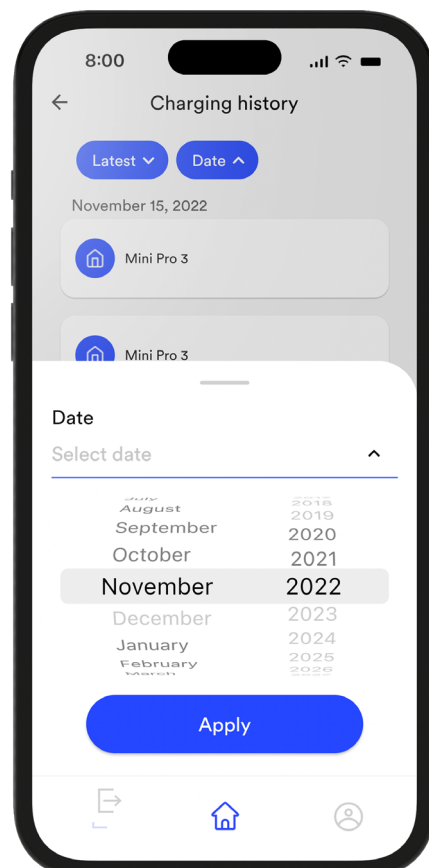


Figure 26: Session history.



5.1 ACCOUNT

1. Selecting “Account” provides you with the ability to edit your account details, change your password, delete your account or enable biometric login.

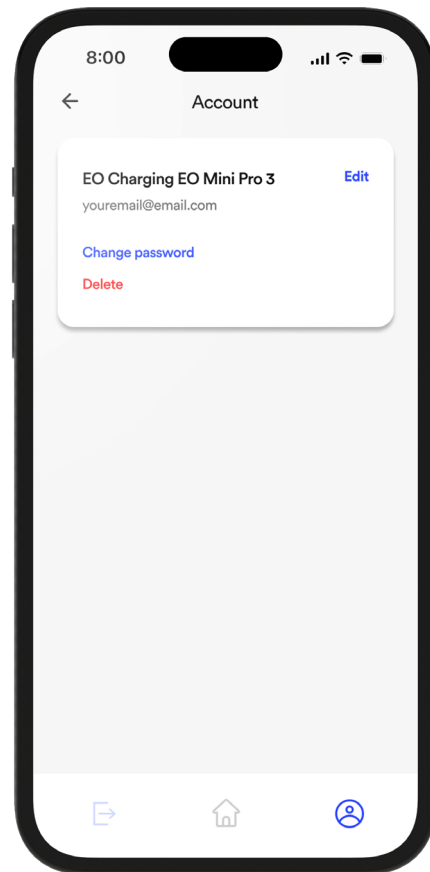


Figure 27: Account details.

5.2 CHARGE POINT

1. Selecting “Charge Point” provides you an overview of your charger settings including: charger name, charger address, charger locking, Wi-Fi configuration and charger diagnostics.
2. Toggling the lock icon allows you to lock the charge point thereby disabling it from charging.
3. Selecting “Wi-Fi configuration” will allow you to update the Mini Pro 3 Wi-Fi connection. This is useful if your home router details have changed and you need to get the charger back online.
4. Selecting “Diagnostics” will display details about the device such as the app version number, the charger serial number, online status and your mobile device type.

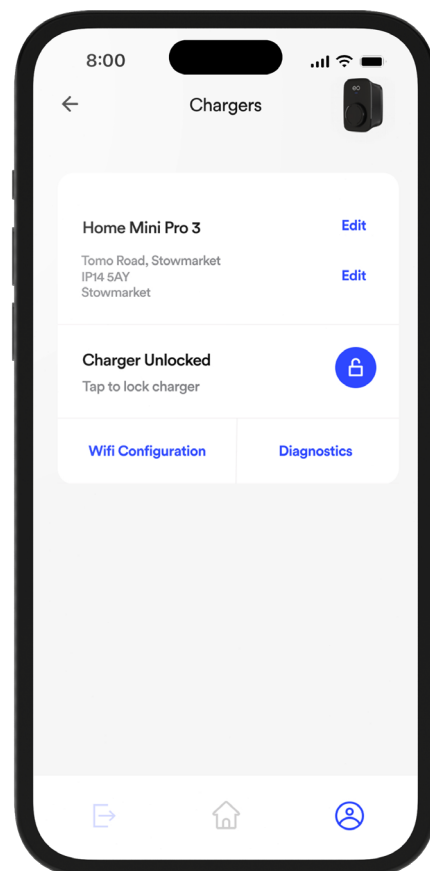


Figure 28: Charge point detail.



→ 6.0 SOLAR CHARGING SCHEDULE



Note: *This feature will only be available if you have solar panels fitter to your property and your charger has been configured to use this solar energy.*

1. This feature is accessed through the same clock button as a regular charging schedule.

From here, provided your charger has been set up for solar charging, you are able to set up your solar charging schedule.

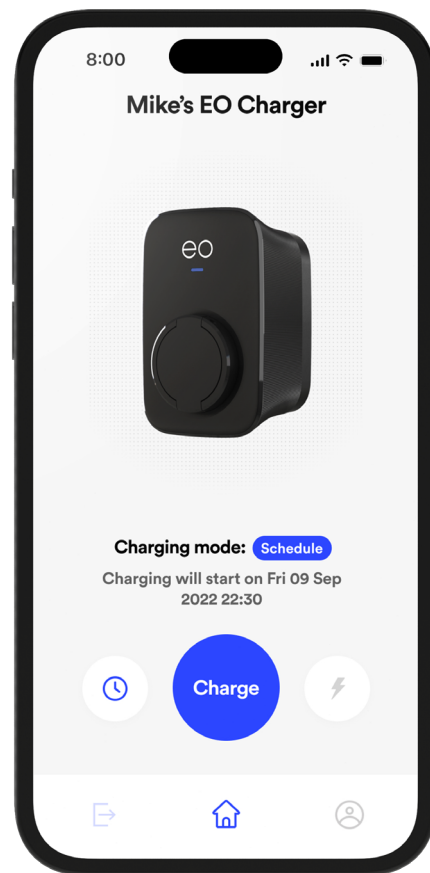


Figure 29: Solar charging schedules.

2. Toggle the Solar charging schedule to shift from 'Custom' to 'Solar'. This schedule can be set for any period of the day but will only draw solar energy when your solar panels are creating electricity. During moments of low energy output from your solar panels your vehicle it is able to continue to charge but it will draw energy from the grid to supplement this supply*.

***Note:** this feature is dependent on the set up of you charger, check with the installer.

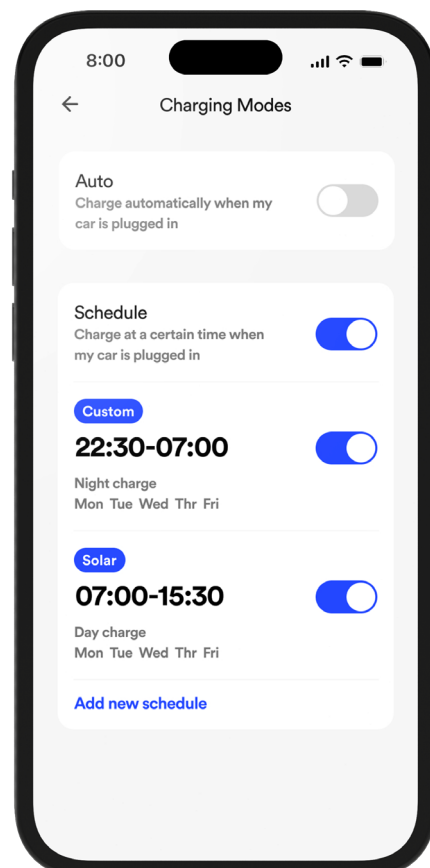


Figure 30: Creating a solar schedule.



- Here you would set your solar schedule in the same way as you would set a custom schedule. Move the start and end markers to the times you wish your solar charging schedule to start and finish. Remember to save this schedule by clicking the “Save Schedule” button at the bottom of the screen before exiting the new schedule screen.

Your car will now draw energy from your solar panels when it is plugged in between these times.

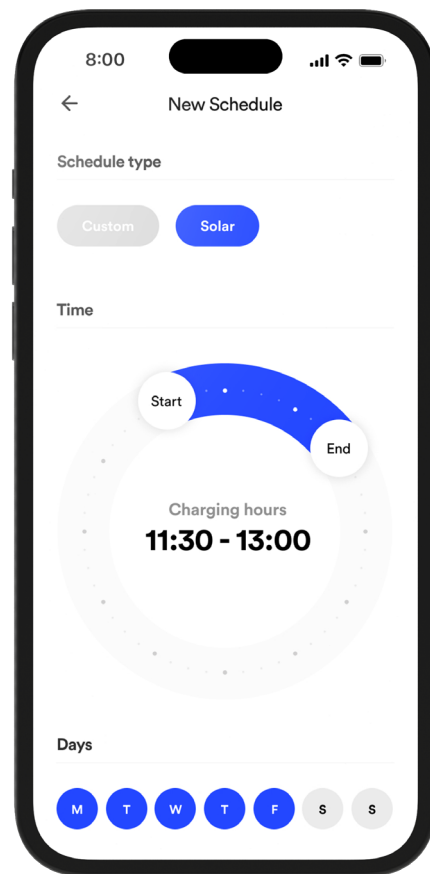


Figure 31: Accessing solar scheduling.



→ 7.0 EO MINI PRO 3 STATUS LIGHT

The EO Mini Pro 3 charger has a status LED on its front face providing the user with its current status. Below describes the interpreted LED flash codes.

7.1 CHARGER STATUS LIGHT ON POWER-UP

The following LED sequence should be observed:

LED colour	State	Notes
Not illuminated	Power off	No power is available
LED solid white	Initialising	Initialising
LED pulses blue	Ready	The Mini Pro 3 has started up successfully and is ready to charge

7.2 NORMAL OPERATION

LED colour	State	Notes
LED pulses blue	Ready	Ready to charge
LED pulses green	Cable is inserted	EO Mini Pro 3 is communicating with the vehicle and trying to start a charging session
LED solid green	Charging	A charging session has started successfully (subject to randomised delay)
LED pulses blue	Cable is removed	Ready to charge
LED solid yellow	Paused	The EO Mini Pro 3 has been put on pause
LED solid red	Fault condition	A fault has occurred



→ 8.0 TECHNICAL SUPPORT

All EO Charging technical documentation is published in the EO support centre, this is found at: <https://www.eocharging.com/support>.

The EO Support team can be reached at:

Email: support@eocharging.com

Phone: +44 (0) 333 77 20383



This document contains information that is subject to change without notice.

The latest version of this publication can be downloaded at:

<https://www.eocharging.com/support/home-charging/eo-mini-pro-3>



Disclaimer: *No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including, but not limited to, copying, recording, retrieving data, or computer networks without the written permission of EO Charging.*



