

# FUUSE COMMISSIONING GUIDE FOR iCS CHARGERS

ICSW7C | ICSW22C | ICSW7CPT | ICSW22CPT

# Commissioning Guide Contents

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This guide is designed to support you through the commissioning and set up journey for iCS chargers. Within the guide, we focus on the following iCS chargers:

- **ICSW7C**
- **ICSW22C**
- **ICSW7CPT**
- **ICSW22CPT**

We'll also cover processes to follow for swapping SIM cards, getting started with Driver Support (if applicable) and booking Fuuse Platform training sessions with our team.

To use this guide, you can scroll through the document or click the sections below:

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# Commissioning Journey

## What You'll Need Before Commissioning

Get ready to commission your chargers with Fuuse. You'll need the following information at hand:

### Optional – 2 weeks lead time

#### Working with a Payter payment terminal?

If you have a Payter terminal installed on your chargers, you'll need to have the following information to hand:

- Connector (also known as Charger or Socket names)
- Is the site public or private?
- Tariff value per kWh
- How you want drivers to use your charger (i.e. via app)
- Are RFID cards allowed?
- Your business' banking information (account number, sort code, name on account and bank name)
- Site owner name and email address
- Site finance name and email address
- Payter terminal ID
- Associated SAM ID per terminal

### Optional

#### Ordered Driver Support?

Keep an eye out for your new support number. This will be communicated to you by Fuuse once it has been tested.



### Optional – 5 working days lead time

**Using a SIM card?** This should have been included in your quote, if not please contact our sales team **first** to order new Mobius SIM cards at:

**ics@fuuse.io**

If you already use Mobius, you won't need to change them over.

Ignore this step if you have Wi-Fi or a wired network.

### Recommended – 5+ days lead time

#### Ordering QR codes and stickers

You should display stickers on your chargers that provide actions for drivers as they pull up to charge.

**If you have ordered a Driver Support telephone number, you must wait until you have received this.**

You can find out more about the process **on pages 15–19**.

#### It's time to get started

Now you have all the information to hand, head to **page 6** to start the commissioning process on-site. If you are familiar with the process already, you can follow the quick guide on **page 5**.

# Commissioning iCS Chargers to Fuuse



## Please note

Before you start, if you plan to connect to your charger via SIM card, you must first request a new SIM card from Fuuse. Please contact [ics@fuuse.io](mailto:ics@fuuse.io) for support in ordering this.

## Commissioning

To commission an iCS charger to the Fuuse platform, you will need to update some settings first.

If you are unfamiliar with the commissioning process, we've outlined a step-by-step guide that starts on **page 5**.

Otherwise, if you have done this before, you can follow the process shown below:

<b>Step 1</b> Connect a mobile device to the charger's Wi-Fi hotspot	<b>Step 4</b> Update internet connection settings
<b>Step 2</b> Sign in to the charger	<b>1. 4a. Access Point Name (APN):</b> tel.mobius.cxn
<b>Step 3</b> Change server settings: <b>3a. Domain:</b> hw.fuuse.io <b>3b. Port:</b> 9998 <b>3c. Path:</b> / <b>3d. Security Profile:</b> ws	<b>2. User:</b> mobiustel <b>3. Password:</b> mobiustel <b>4. Dial:</b> *99#
	<b>Step 5</b> Change/Install Fuuse SIM card (if required)
	<b>Step 6</b> Power off and on again



### Difficulty signing in?

If you have difficulty signing in to the charger or the setup screens don't match what you see in the instructions, a firmware update will be required.

Scan the QR code or **click this link** for detailed instructions on how to do this.

# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide



### Need further assistance?

If you need any further support as you commission your chargers, please create a ticket on **the technical support portal (click here to access)** for iCS and the team will contact you.

## Connecting to the charger's Wi-Fi hotspot




### Step 1






**To start the process, you'll need to locate the product label on the side or bottom of your iCS charger.**

In the example image, the sticker can be seen on the side of the charger towards the base.

If you are unable to locate your sticker or your sticker has been damaged, please contact **technical support for iCS here**.

Once you have located the product label on your charger, use a mobile phone, laptop or tablet to search for the charger's Wi-Fi hotspot. To load up Wi-Fi settings on most devices, you should look for the **Wi-Fi icon**  and select it. Your device might take a few seconds to scan for a network, or it might prompt you to start as scan.

After it has scanned for nearby networks, the **Wi-Fi SSID** code should display as the same shown on the right-hand side of your product label. An example of the Wi-Fi SSID can be seen on the right.

<b>ICSW22C</b>		<b>iCS</b>
ELECTRIC VEHICLE CHARGER		22kW
Socket-in/out: U: 400V ~ 3Ph N+PE I: 32A Max F: 50-60Hz	Control input: U: 230V ~ I: 0.1A F: 50-60Hz	EN61851-1 EN61851-21-2 EN61851-22 IP55
 	  	<b>WiFi SSID: ICS-2.4GHz-9C049E</b>
In/Outdoor use		Made In China
SN: ICSB00001	PN: 2109-2	PD: 21-02-2021
0100025	<b>Intelligent Charging Systems</b>	<b>FY4 4NB, UK</b>

# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

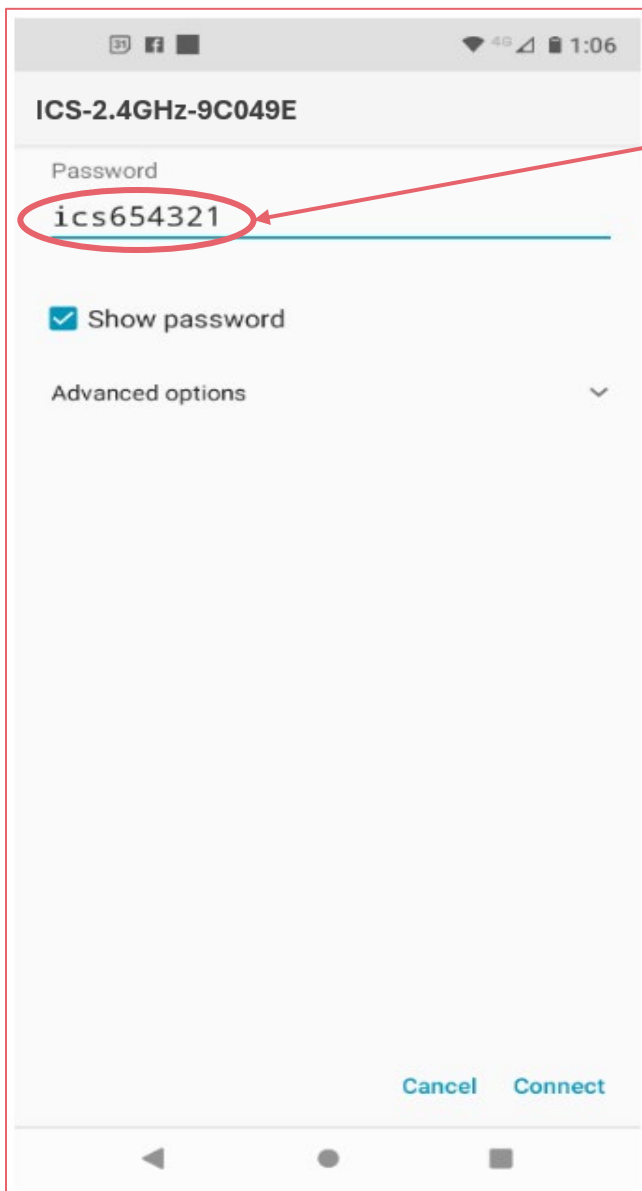
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### Connecting to the charger's Wi-Fi hotspot

#### Step 2

**Select the same Wi-Fi SSID on your device as shown on your charger's product label.** This action will open a new window or request prompting you to enter a password.

You can see an example of the password screen below.



In the password field, enter your password or the default password:

**ics654321**

Once done, select the **Connect** button.



#### **Need to change the password?**

After accessing the charger's Wi-Fi, you might want to change your password or turn the Wi-Fi hotspot off after 5 minutes.

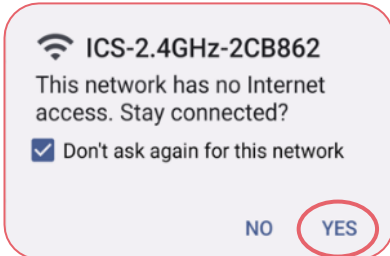
You can do this in the Wi-Fi configurator menu once you have logged into the iCS charger configuration screen. Make sure to keep a record of the change.

# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

### Connecting to the charger's Wi-Fi hotspot

#### Step 3

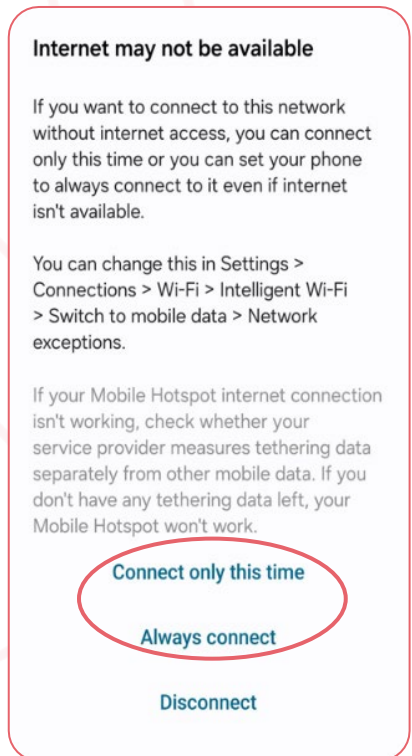


**A new pop-up window may appear that tells you the network has no internet access.** Select the **Yes** button. There are two examples (left and below) dependent on the type of mobile device you have.

After you have selected **Yes** on the pop-up example above, your device might display a second pop-up prompting you to enable the connection.

This information lets you know about your mobile, laptop or tablet's internet configuration settings. For ease, simply select **Connect only this time**.

However, if it feels relevant for you to do so, you can select **Always connect**, meaning whichever device you are using will always connect to the charger's Wi-Fi.



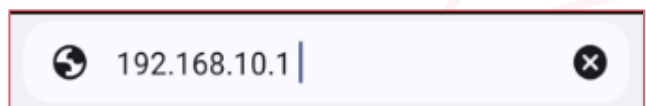
### Enter IP Address

#### Step 4

**Open a suitable web browser on your device, such as Chrome or Safari.** In the address bar, enter the following IP Address:

**192.168.10.1**

Hit the enter button. This action should load a login screen on your chosen browser.



# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

### Sign in to the IP Address

Sign in

http://192.168.10.1 requires a username and password. Your connection to this site is not private

Username  
admin

Password  
.....

Cancel Sign in

### Step 5

**A new sign-in pop-up or prompt will appear on your screen.** Please enter the username and your password or the below default password:

**Username:** admin  
**Password:** icspass01



### Trouble logging in?

If your password doesn't work, it might have been changed before. In the instance that you don't have a record of the new password, you will need to contact the **iCS technical support team here**.

### Step 6

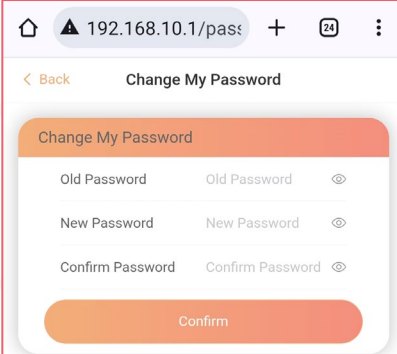
**If this is the first time you have logged on, you must change your password.** For ease of access and to configure charger settings, keep a secure note of the new password.

A strong password should include a series of letters, numbers and special characters, making it difficult or impossible for a 3<sup>rd</sup>-party to guess. Avoid using recognisable names, places or words, where possible.

**Please keep a log of this password.**

It's also recommended **not** to use any of the information on the charger's product label to create a new password.

Once changed, you will need to log in again.



192.168.10.1/pas

Change My Password

Change My Password

Old Password Old Password

New Password New Password

Confirm Password Confirm Password

Confirm

### IMPORTANT

If forgotten password, return charger to ICS for reset  
Your password will be changed to:

**New\_Password**

Cancel

Confirm

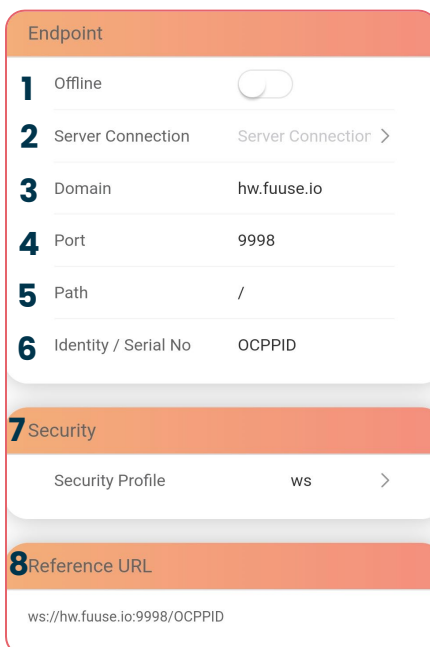
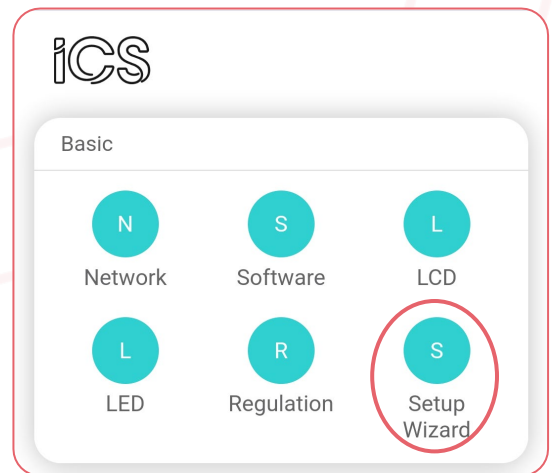
# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

### Charger setup in iCS

#### Step 7

**If your charger has already been set up, an iCS charger configuration screen will appear with several options to select.** If your charger has not been set up, you should be prompted to start step 8. To start commissioning your charger, click the **Setup Wizard** icon. This action will prompt a new screen on your mobile phone, tablet or laptop.



#### Step 8

**You'll need to enter or amend information to commission your charger.** Follow the field requirements entry below:

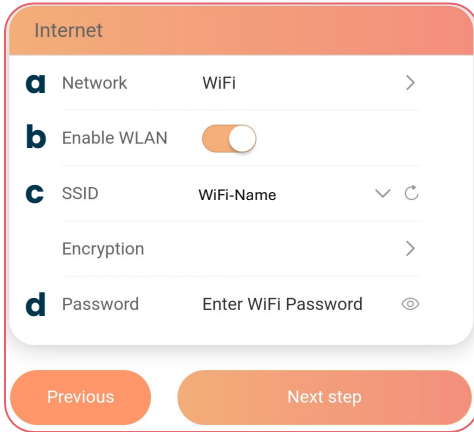
1. **Offline** should be toggled in the off position
2. **Server Connection** field should automatically have the option greyed out
3. **Domain:** hw.fuuse.io
4. **Server Port:** 9998
5. **Server Path:** /
6. **Identity/Serial No (SN):** Should match the product label
7. **Security Profile:** ws
8. **URL:** ws://hw.fuuse.io:9998/[**product serial number**]

Once all fields have been completed, click **Next step**.

# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

### Internet connection configuration



#### Step 9a

#### *Only use for WiFi connection*

**Next, you'll need to update and check the charger's internet settings.** Follow the guidance below:

- a. Select** either **WiFi**
- b. For WiFi** connections, **Enable WLAN** must be toggled on
- c. SSID:** scan for nearby WiFi networks and select your network
- d. Password:** Enter the WiFi password associated with the WiFi network selected



**WiFi signal must be greater than 40%**

#### Step 9b

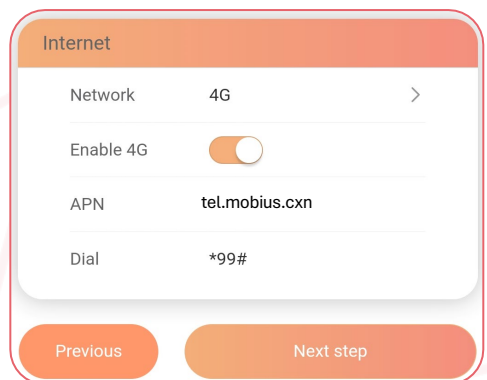
#### *Only use for SIM connection with a SIM card supplied by Fuuse*

**Next, you'll need to update and check the charger's internet settings.** Follow the guidance below:

- 1. Select 4G**
- 2. For 4G** connections, **Enable 4G** must be toggled on
- 3. APN:** tel.mobius.cxn
- 4. User:** mobiustel
- 5. Password:** mobiustel
- 6. Dial:** \*99#



**Process only for SIM cards supplied by Fuuse**



#### Using an existing SIM card?

If you are using an existing SIM card, you won't need to change any APN settings as these should default to your current SIM settings. It's worth finding out when your contract expires to ensure your chargers don't lose communication. However, if you have an existing iCS SIM card, this will no longer work and you will need to order a new one.

If you are purchasing a new SIM card, please update the APN and dial fields according to your chosen supplier.

# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

### Changing or installing a SIM card

#### Step 10

Follow the SIM changing or installing process for one of the chargers below.

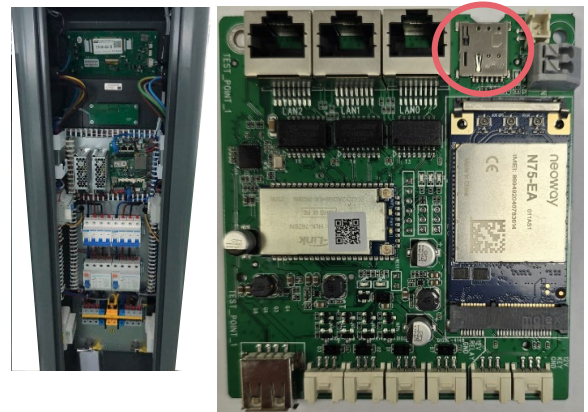
#### ICSW7C & ICSW22C Chargers

1. Remove the bottom black top by pressing the circled below on the left image and lift the cover off.
2. Remove the original SIM card and insert the new SIM as shown in the image on the right.



#### ICSW7CPT & ICSW22CPT Chargers

1. Open the rear door on the charger.
2. Remove the original SIM card and insert the new one in the area circled below.



### Ensure regulations are deselected

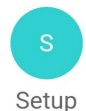
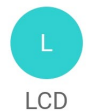
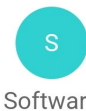
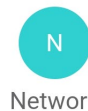
#### Step 11

After your SIM cards have been swapped or installed, head back to the iCS charger configuration screen.

Select the **Regulation** icon to open the setup window.

iCS

Basic



# Commissioning iCS Chargers to Fuuse

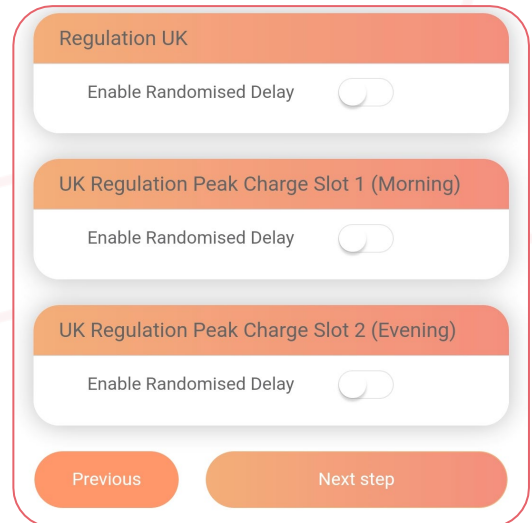
## Step-by-step Guide

### Ensure regulations are deselected

#### Step 11 continued

On this screen, you should ensure that all toggles are positioned as off for Enable Randomised Delay.

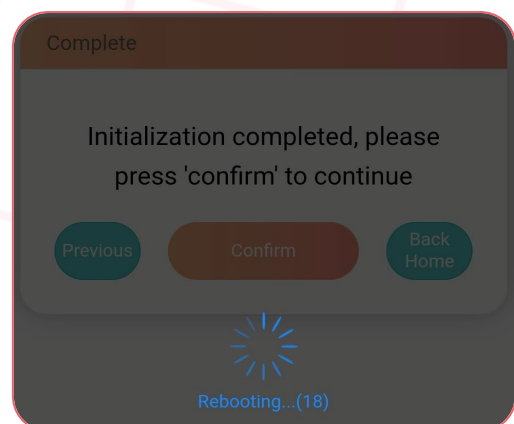
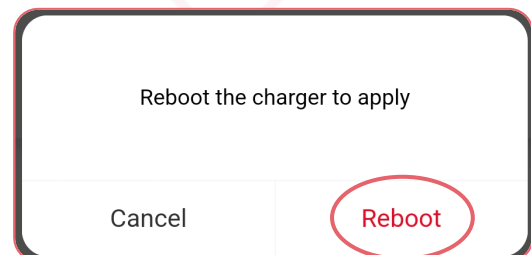
Once done, click the Next step button.



### Confirm settings and reboot

#### Step 12

You will see a series of screens prompting you to confirm your settings and reboot your charger.



#### Using a SIM card?

After the charger has rebooted, you **must** turn the AC supply to the charger off for 20 seconds and then switch it back on.

# Commissioning iCS Chargers to Fuuse

## Step-by-step Guide

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### Check the LCD icon display

#### Step 13

If your charger is offline, please check the LCD screen on and icons displaying on your charger.



WiFi Active



WiFi Inactive



WiFi Error



4G Active



4G Inactive



4G Error



Ethernet Active



Ethernet Inactive



Ethernet Error



Server Active



Server Inactive



Server Error

# Getting Started with Driver Support

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Here's what you can expect from Fuuse after you purchase our Driver Support offering:



# Generating QR Codes and Stickers

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**In this section, we will cover all the stages you need to generate and order your stickers.** These stickers are used to provide your drivers with payment information and Driver Support helplines, if you've purchased this service with Fuuse.



**Before you start, you'll need to consider the following:**



Each socket (where the cable is plugged in) must have its own individual and unique name in Fuuse. Avoid names like Charger 01 but try to make them relevant to your site. You can **follow the process here**.



Each socket must display its own sticker, featuring a QR code and payment URL. If you have also purchased Driver Support, this **must be displayed** to ensure compliance with the Public Charge Point Regulations 2023. You can also change the QR code displayed on your LCD screen to match the label.



**If you have purchased Driver Support**, you must obtain your helpline phone number from Fuuse **before** ordering stickers.



A heavy-duty, weather-resistant sticker if your chargers are located outside or in high-traffic areas. Fuuse's preferred supplier, **MTP Media**, has templated stickers ready, but you can customise your own.

They can be contacted at: **[info@mtp-media.co.uk](mailto:info@mtp-media.co.uk)**

# Generating QR Codes and Stickers

## Creating Charger Names

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### Top tip: avoid using charger 01

Whether you have one charger or one hundred, you need a naming convention that works for both yourself and Fuuse. Try something memorable like the site name followed by a numbering system that makes sense.

### Step 1 – Naming conventions

A memorable yet logical name is ideal for your chargers. As a rule, names must be between 4-16 characters long and contain:

- Letters and numbers (ABC123)
- Hyphens (-) to separate words
- Underscores (\_) to separate words

Names **must not** use special characters (! & £ etc) or be identified as charger1/charger01.

Some examples of naming conventions our customers use include:

- **Company Name Abbreviation-Site Name-Number**
- **Site Name-Number**
- **Company Name Abbreviation-Number**

### Example

Let's say your company is called **Red Panda Electric**. You could use names like:

- **RPE-HQ-01, RPE-HQ-02, RPE-HQ-03** etc
- **HQ-01, HQ-02, HQ-03** etc
- **RPE-01, RPE-02, RP-03** etc

# Generating QR Codes and Stickers

## Listing Charger Names

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### Step 2 – Listing Charger Names

Open Excel, or an equivalent spreadsheet tool. In Column A, type the following:

**<https://fuuse.io/pay/>**

After the following URL is added, you will need to include the name of your first charger. Taking an example from **page 15**, your first cell will look something like this:

**<https://fuuse.io/pay/RPE-01>**

Continue adding your charger names until your spreadsheet includes all of them. It should look like this:

	A
1	<a href="https://fuuse.io/pay/RPE-01">https://fuuse.io/pay/RPE-01</a>
2	<a href="https://fuuse.io/pay/RPE-02">https://fuuse.io/pay/RPE-02</a>
3	<a href="https://fuuse.io/pay/RPE-03">https://fuuse.io/pay/RPE-03</a>
4	<a href="https://fuuse.io/pay/RPE-04">https://fuuse.io/pay/RPE-04</a>
5	<a href="https://fuuse.io/pay/RPE-05">https://fuuse.io/pay/RPE-05</a>
6	
7	

# Generating QR Codes and Stickers

## Generating QR Codes

### Step 3 – Generating QR Codes

These QR codes are designed for the driver to scan and charge via the Fuuse App and/or their web browser. Each charging socket will have its own QR code.



#### Top tip: QR Generators

There are plenty of QR code generators, but we recommend using **QRExplore**, which you can access **here**.

#### 1. Head to:

[qrexplre.com/generate/](http://qrexplre.com/generate/)

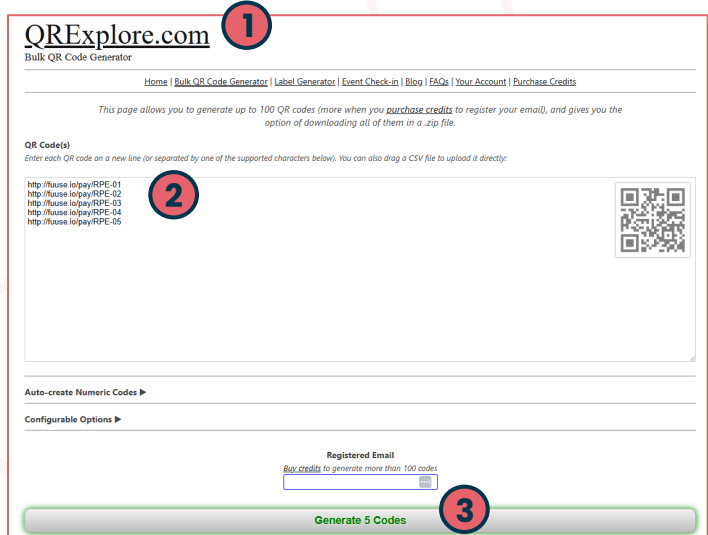
#### 2. Grab your spreadsheet with all charger names.

Copy the cells and paste them into the QR code generator box.

#### 3. Click “Generate” at the bottom of the screen.

Your page will reload.

#### 4. Select “Download”. You can share these QR codes with the sticker creators.



**QRExplore.com** 1  
Bulk QR Code Generator

Home | Bulk QR Code Generator | Label Generator | Event Check-in | Blog | FAQs | Your Account | Purchase Credits

This page allows you to generate up to 100 QR codes (more when you [purchase credits](#) to register your email), and gives you the option of downloading all of them in a .zip file.

QR Code(s)  
Enter each QR code on a new line (or separated by one of the supported characters below). You can also drag a CSV file to upload it directly:

2  
<http://fuuse.io/pay/RPE-01>  
<http://fuuse.io/pay/RPE-02>  
<http://fuuse.io/pay/RPE-03>  
<http://fuuse.io/pay/RPE-04>  
<http://fuuse.io/pay/RPE-05>

Auto-create Numeric Codes ▶


Configurable Options ▶

Registered Email  
[Buy credits](#) to generate more than 100 codes



3  
Generate 5 Codes

#### Video walkthrough

Our team has visualised the QR code generation process, which can be viewed **here**.

 5 code(s) generated.

Right-click on a QR code to download the image, or simply download the .zip file.

Data	QR Code
	 <b>Download .zip file</b> <span>4</span>
<p><a href="http://fuuse.io/pay/RPE-01">http://fuuse.io/pay/RPE-01</a></p>	 <a href="http://fuuse.io/pay/RPE-01">http://fuuse.io-pay-RPE-01.png</a>

# Generating QR Codes and Stickers

## Arranging Sticker Design

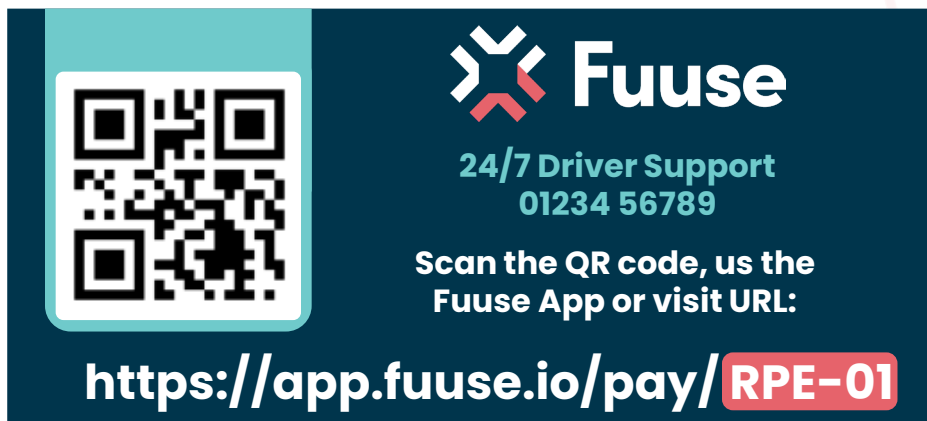
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### Step 4 – Arranging Sticker Design

For your stickers, we recommend using **MTP Media**, who can be reached here: [info@mtp-media.co.uk](mailto:info@mtp-media.co.uk)

They supply weather-resistant, heavy-duty stickers, and already have Fuuse templates saved on file for you to use. However, should you wish to order stickers with a different design or dimensions, they can accommodate your needs.

### An example of a sticker



If you want to change the design, you must ensure the following are visible:

- **QR code** – should be large and easily scannable for drivers that links to the same URL shown on the sticker
- **Usage instructions** – support drivers as they charge with you
- **Charger URL** – ensure this is easily visible for drivers with the name of the socket included at the end of the URL
- **Driver Support** – if you have purchased the service with Fuuse, you must display the contact details, particularly if you are a public charge point operator. To obtain your 24/7 Driver Support Number, you can contact us at: [ics@fuuse.io](mailto:ics@fuuse.io)
- **Logo** – provides a professional appearance

# Other Support

## Contacting the Team and Finding User Guides

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### Check your inbox for an email from us

Once you have signed and agreed the quote with Fuuse, you will receive an email from [ics@fuuse.io](mailto:ics@fuuse.io) outlining your next steps. You may have already received this, so check your inbox and spam folders.

### Ready to start onboarding with Fuuse?

Once you have commissioned your chargers, you can start using the portal and configuring your settings. You can find out everything you need here:

[Start onboarding](#)

### User guides and knowledge base

We've also got a host of helpful tools, FAQs and guides to support you as you use Fuuse. To find them, click below

[Explore FAQs](#)



**POWERED BY**

