



io6 Street Quick Installation Guide



Scan for resources page

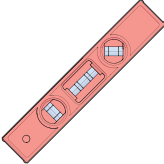
Installation guide:

The installation must be done by a qualified electrician in accordance with local and national legislation and IET regulations.

The electrical installation must be isolated during the entire installation period.

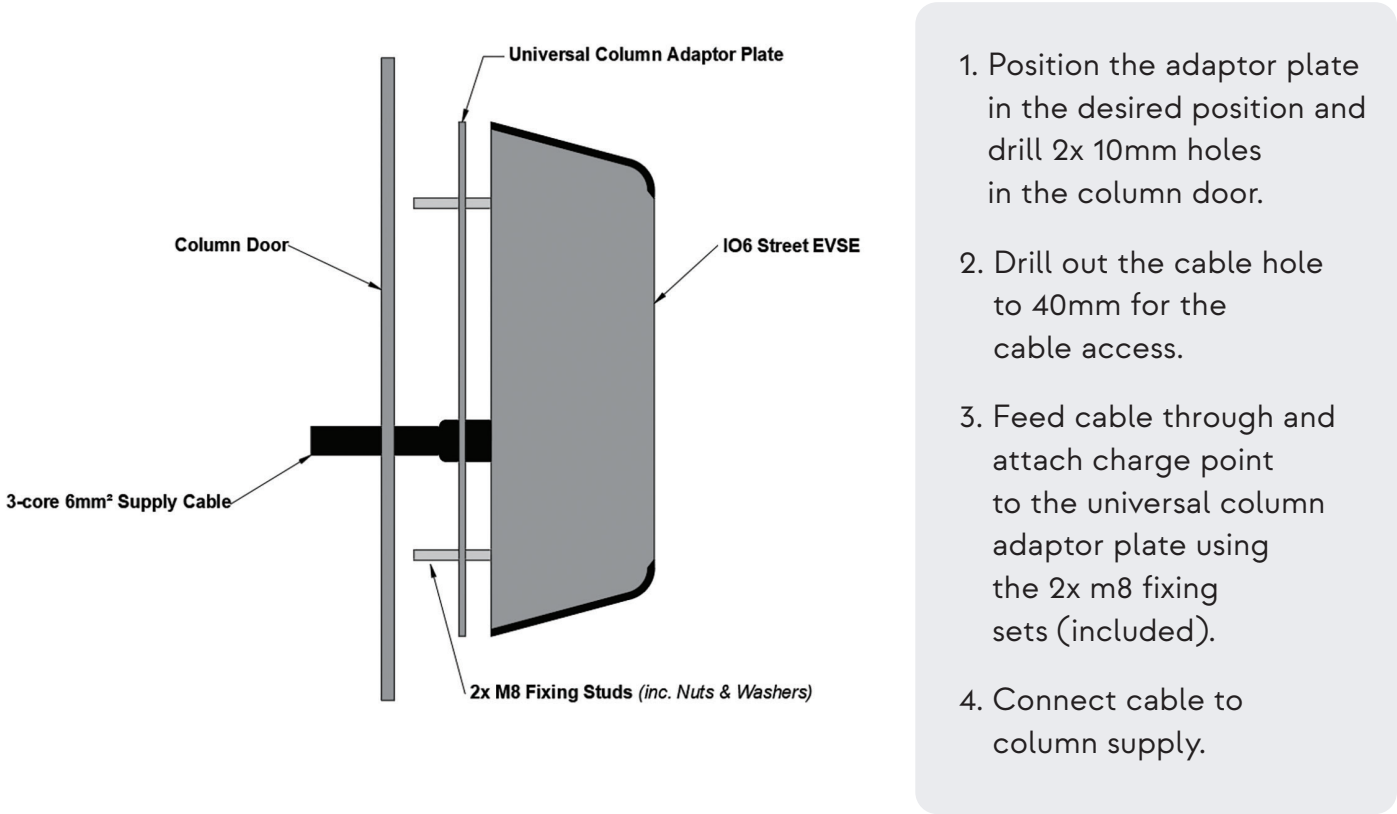
Since this charging unit uses circuits that reference to ground, no insulation resistance testing should be conducted on the unit after connecting to the supply network.

Required tools and items

		
Spirit level	Installer Label (21LAB10050)	Universal Column Adaptor Plate
		
Power Drill	10mm Drill Bit	40mm hole saw or step drill

Mechanical Installation

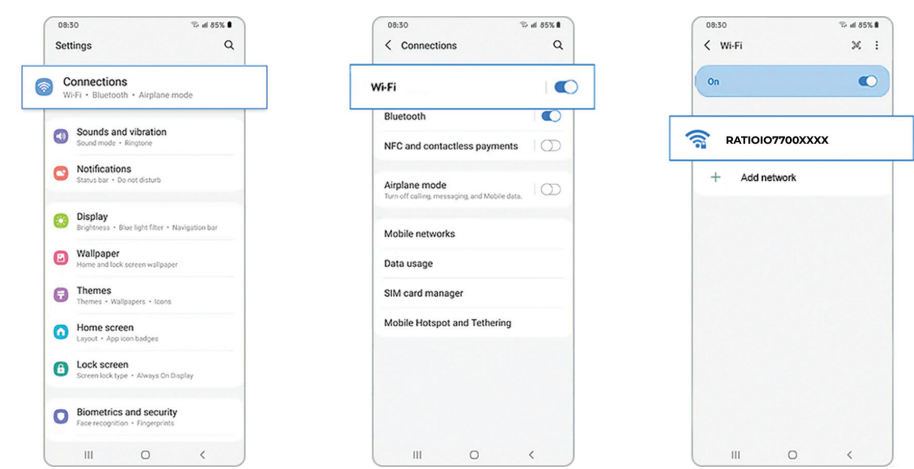
The charger is attached to the post using the io6 Street universal column adaptor plate.



- Ensure a 30mA RCD is installed upstream
- Ensure the charge point on is a dedicated circuit
- Whilst it is common for streetlights and street furniture to be wired on a loop basis, this approach is not advisable for EV charging equipment. On-street charging equipment installations shall be wired as part of a radial system.

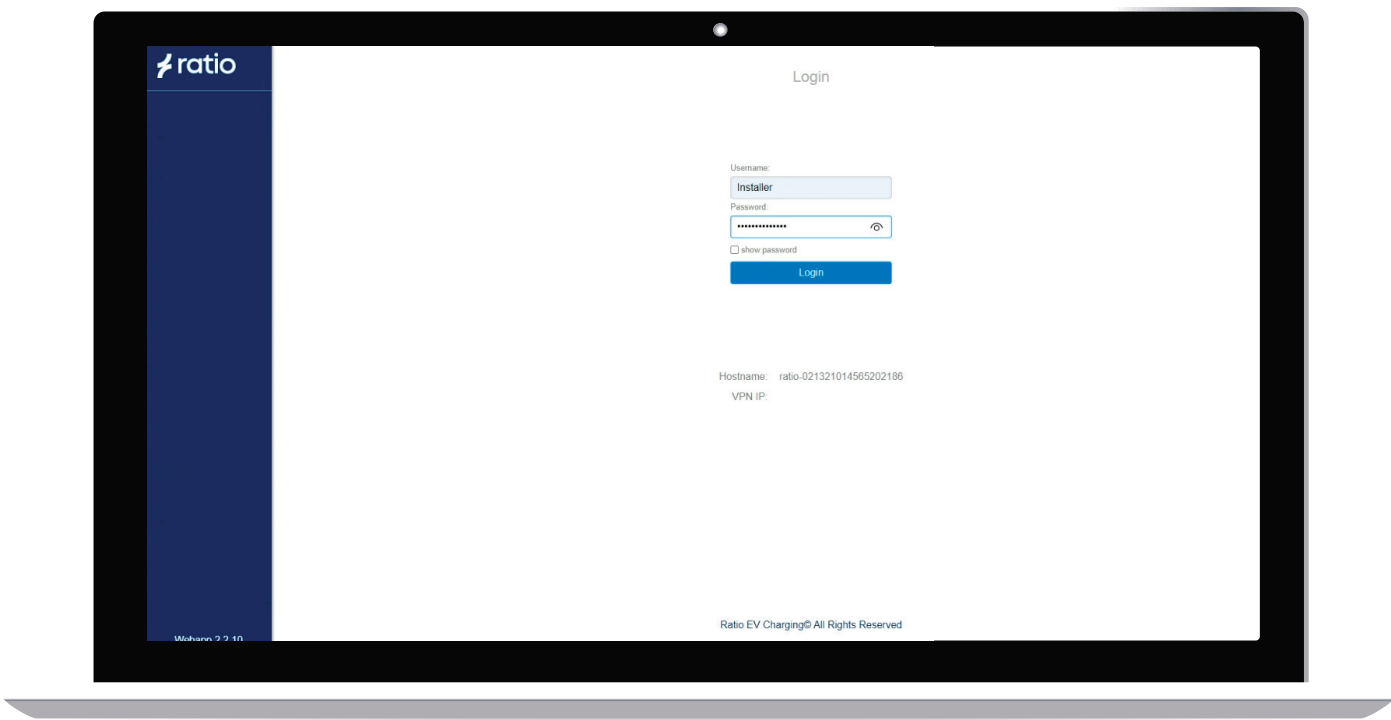
Connect to ad hoc Wi-Fi

Using a mobile device or laptop search for the chargers ad hoc Wi-Fi hotspot (ratio_io7 or ratio_io7_xxxxxxx) as illustrated below. A password window will pop-up, use the ad-hoc Wi-Fi password which can be found in the installer pack. Please note the hotspot will only be available for 10 minutes. Turn the device off and on again to re-find the hotspot.

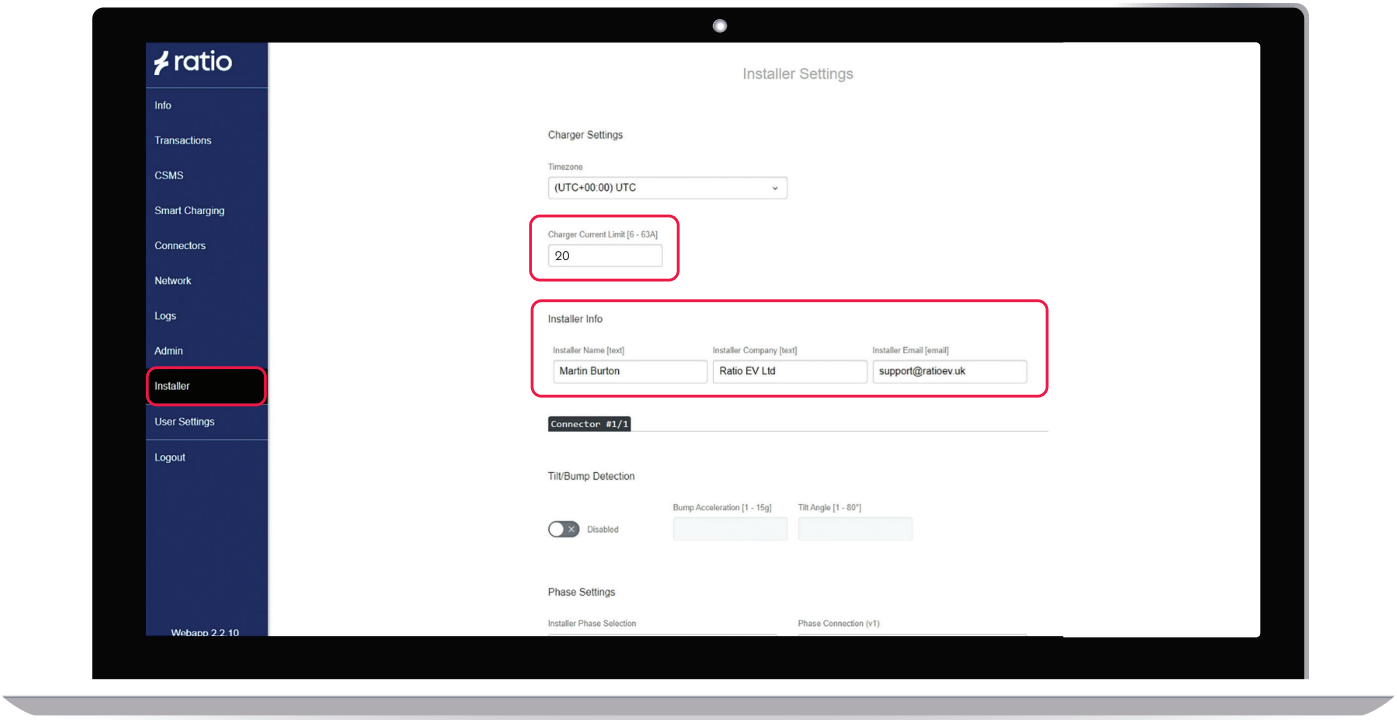


Portal Login

Once connected to the adhoc Wi-Fi, open a web browser and type 10.7.10.7 into the address bar. If a security warning appears press continue and you will arrive at the charger login. Enter 'Installer' as the username and then use the password provided in the installer pack. Passwords for the adhoc and web portal can be found on the supplied documentation found within the charger box.

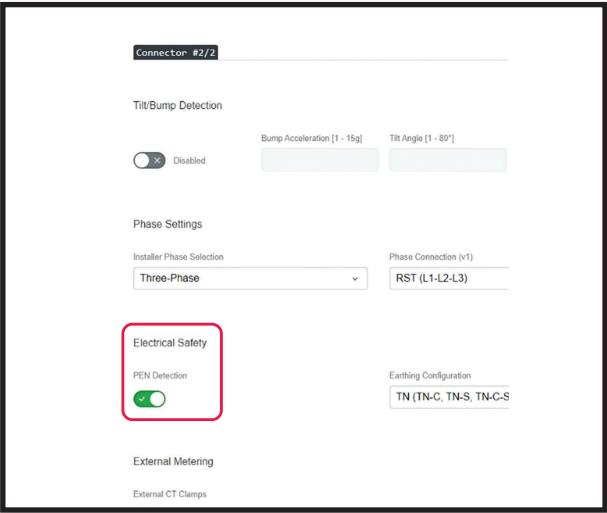


Installer set-up



1. Navigate to **Installer** on the left hand navigation menu.
2. Change **Charger Current Limit** to the maximum based on install.
3. Input your installer details.

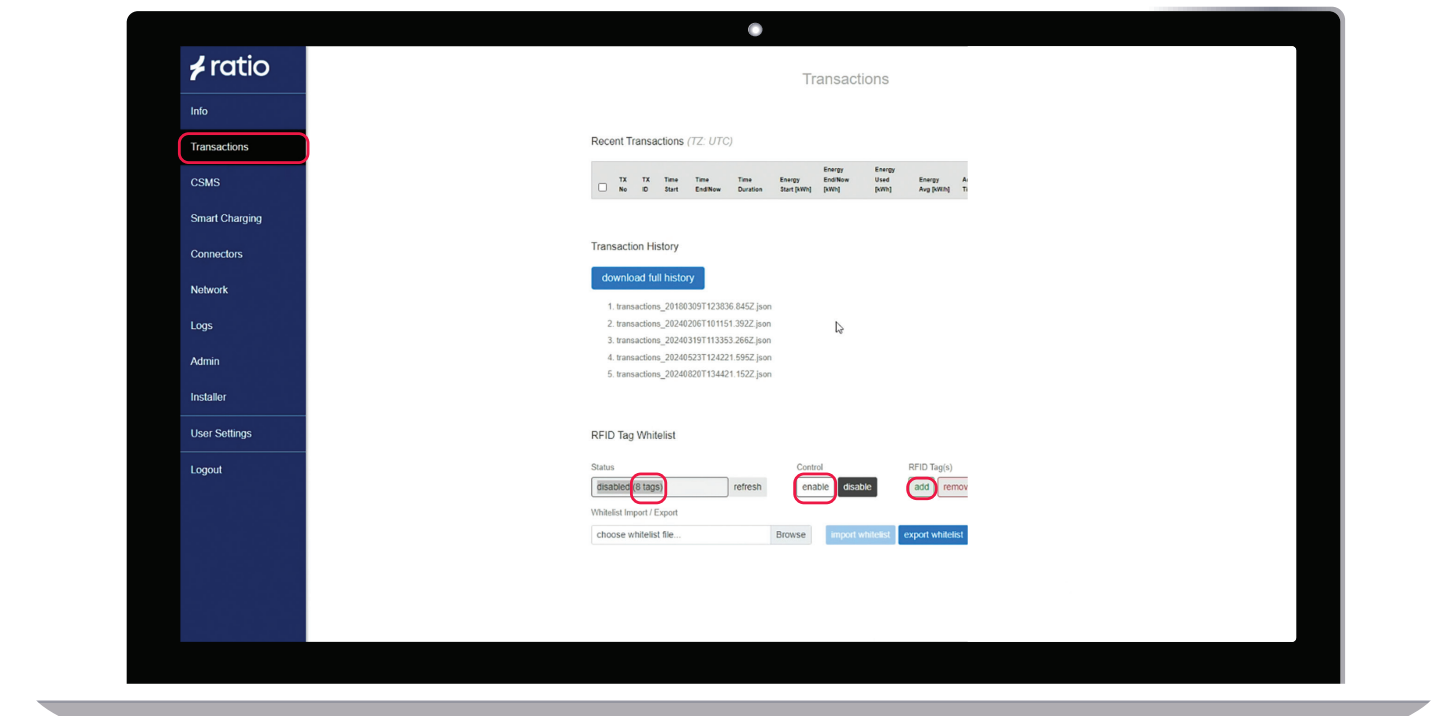
4. Pen detection is automatically toggled on for the UK. This can be toggled off if required.



How to set up RFID tags without a back office management system

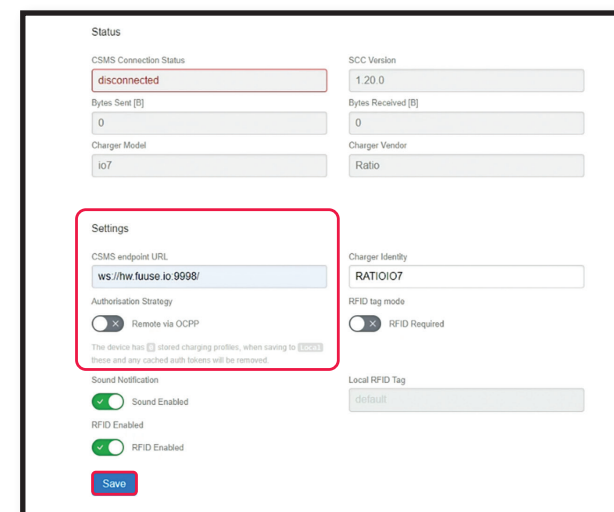
1. Navigate to **Transactions** on the left hand menu bar.
2. Click **add**, once selected the charger LEDs will flicker between blue and green you will then have 60 seconds to scan the RFID card to the charger.
3. Press **refresh**, the status will then indicate that a tag has been added.
4. Once all RFID cards have been added press **enable** to activate the list.

Note: If using a back office management system RFID cards will need to be added through the system and directly with the charger.



5. Navigate to CSMS menu bar.
6. The charger is **set to RFID** on and Free Vend off. As per image.
7. Press **Save**.

8. If using a back-office management system, toggle off the **Authorisation Strategy** and then input the web socket address into **CSMS endpoint URL**. This will be provided by your back-office provider such as Tap, Clenergy etc.
9. Press **Save**.





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