

Adding RFID Cards

Version 1



The **FIRST** step is accessing the MASTER and SLAVE controllers using the steps below. Each controller will **individually** need to have this done.

Step 1

You will need: A Laptop and a micro-USB to USB cable. This should be plugged in from your laptop to your charge controller. If the charger has two charge controllers make sure you plug into the charge controller on the right-hand side and **DO NOT** remove any cables or links between the charge controllers.

Step 2

Plug into the controller on the right-hand side where it says **config**.



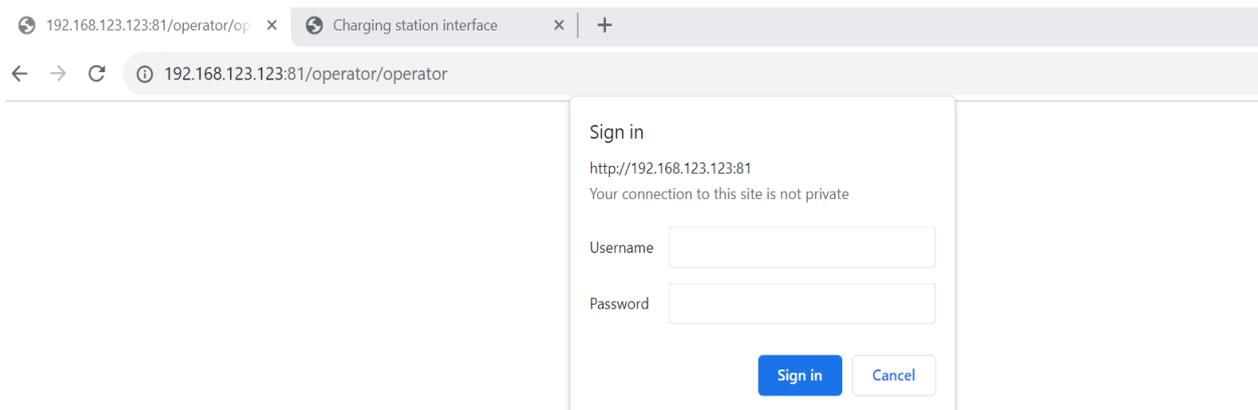
Step 3

Once plugged into the controller open a web browser. Enter the following address in the top search bar **192.168.123.123/operator**.

Step 4

To start configuration it will ask for username and password on both master and slave controller. Using the below details to log in.

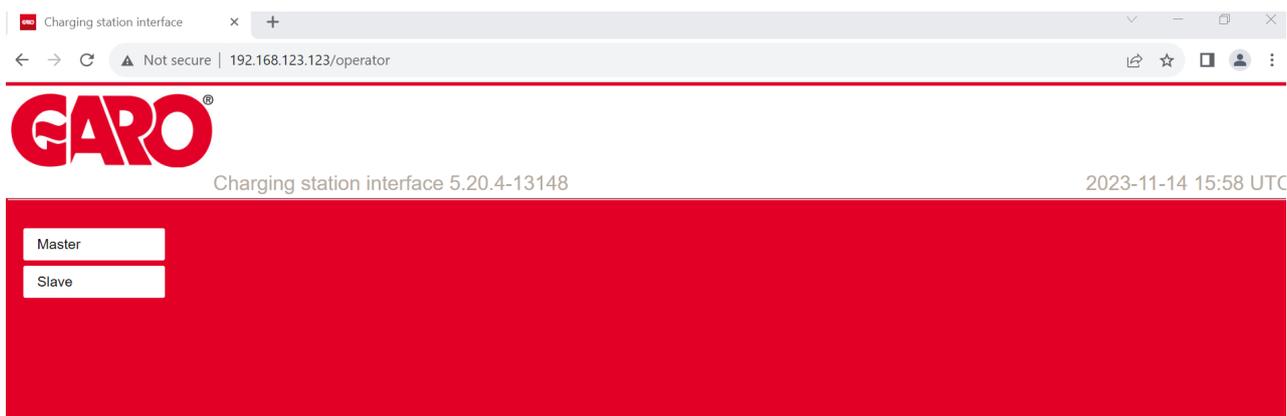
Username	operator
Password	yellow_zone OR cherry_zone



Step 5

Click on master to enter the page.

Now two tabs is shown in the browser. One for the master (left) and one for the slave (right). Shift between these tabs to configure respectively controllers.



Step 6

After this, just copy/paste the string into the field: **“List of entries in cache”** in the Operator menu.

Step 7

Finally ensure the following options are selected in the options.

- Free Charging= Off
- If In Doubt Allow Charging= Off
- Enable Cache= On

<ul style="list-style-type: none"> State > DLM Settings > Default Operator System Documentation 	Strategy for StatusNotification state transitions	Occupied on Charging	plugged in. In 'Occupied on 'Authorized/Plugged' the state changes to occupied already when the charger is authorized with nothing connected or when a cable/vehicle is connected but no authorization has taken place yet.
	Allow long get configuration keys	Off	Allows OCPP keys in get configuration command to be longer than 500 characters.
	Disallow charging if OCPP queue full	Off	When set, a full OCPP message queue will cause an error state. Charging will be terminated.
	Force OCPP connector state to available	Off	In case the charge point was set to unavailable by backend and you have not other chance to make it available again, you can force it here. Select 'On' and 'Save'. Note: Works in state 'unavailable' only!
	Free Charging	Off	Allows charging without authorization via RFID or the backend. Charging is started immediately after a vehicle is connected. show more .
	RFID Tag for Free Charging with OCPP Full, fixed rfid modes	freecharging	RFID Tag for Free Charging with OCPP Full, fixed RFID modes.
	If in doubt allow charging	Off	This parameter determines whether a client is allowed to charge in case its authorization cannot be processed because the backend is offline or not reachable. If set to ON, the client is allowed to charge even if it cannot get authenticated from the ocpp whitelist nor from local whitelist. If set to ImmediatelyWhenPlugged, then charging will be allowed in case ChargePoint is offline by just plugging the car and without RFID authorization. If 'Connection Type' is 'No Backend' then this parameter is ignored.
	Installation Current Limit [A]	32	The 'Installation Current Limit' is the upper limit of the 'Operator Current Limit'. It must be below or equal to the 'Maximum Current' of the charge point. This parameter cannot be changed by the backend.
	Operator Current Limit [A]	32	Maximum current (in Amperes) that can be signaled to the vehicle for charging. If the parameter 'Installation Current Limit' exists, the 'Operator Current Limit' must be below or equal to the 'Installation Current Limit'. Otherwise, it must be below or equal to the 'Maximum Current'. It can be freely configured, even while charging. This parameter can be changed by the backend for energy management
<input type="button" value="Save"/> <input type="button" value="Save & Restart"/> <input type="button" value="Operator Default & Restart"/> <input type="button" value="Auto-Discovery"/>			

Step 8

Press Save and restart to save the changes to the controller.
Repeat these steps for each charge point.

UNITED KINGDOM

PHONE NUMBER: +44 (0) 121 3899 444

EMAIL: TECHNICAL@GARO.CO.UK

IRELAND

PHONE NUMBER: +353 (0) 1 866 5360

EMAIL: EV@GARO.IE



[https://www.garoelectric.com/
marketing-hub](https://www.garoelectric.com/marketing-hub)