Adding RFID Tags in LS4, GTB+ and GLB+

How to Add RFID Tags to LS4, GTB+, and GLB+

Important:
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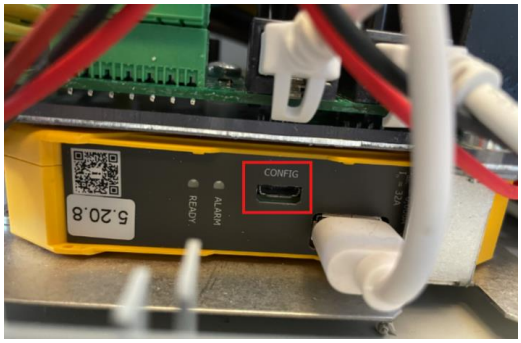
To program RFID tags into the charger, you need to access the charger's web interface. This can be done using either the New or Legacy web interface. Follow the steps provided for the specific interface you are using.

Before You Start:
You will need a Laptop and a micro-USB to USB-A cable. (important that the cables has possibilities for data transfer and not only charging).
This cable should be plugged in from your laptop to the 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 between the charge controllers.

Step 1.
Plug in the Micro-USB in the controller's config port.

GLB+ only has one controller (see picture below)



Twin+ & LS4 has 2 controllers (see picture below)

Step 2.
Once plugged into the controller open a web browser and navigate to one of the following IP addresses:

- **New Interface** (white background) - refer to page 3
  192.168.123.123
  Legacy Interface (red background) - refer to page 5
  192.168.123.123/legacy/operator/operator

  Note, if you can't access the legacy interface with above IP address please try:
  GLB+
  192.168.123.123/operator/operator

  TWIN+, LS4:

  192.168.123.123:81/operator/operator ***Outlet 1***

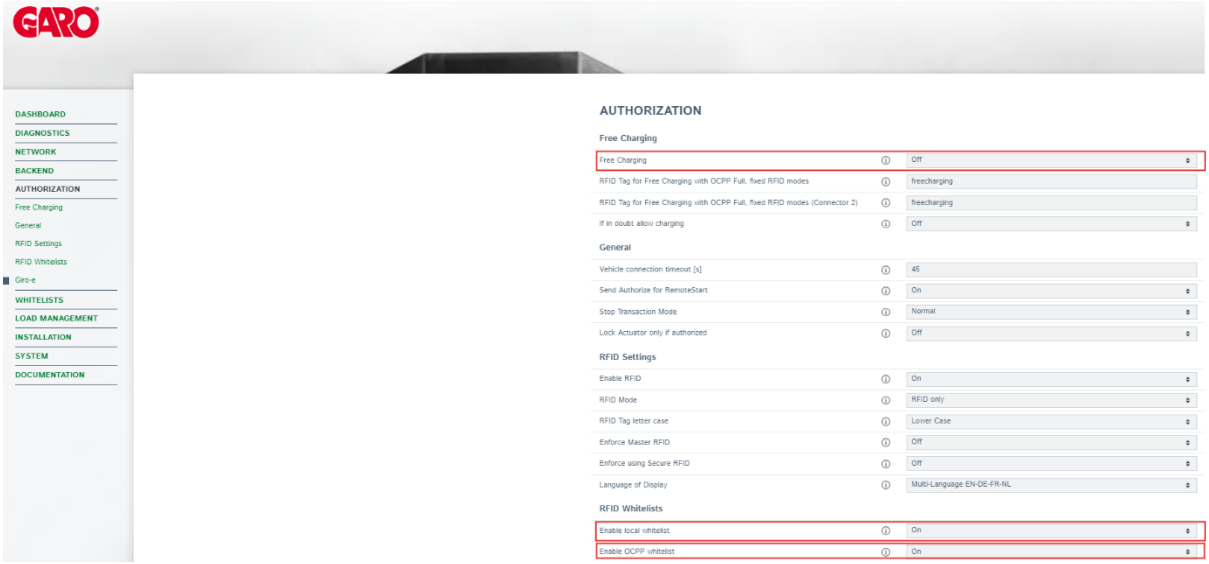
  192.168.123.123:82/operator/operator ***Outlet 2***

  Login Credentials for both the New and the Legacy Interface:
  Username:**operator**
- Password: **cherry_zone** or **yellow_zone**

Adding RFID Tags – New web interface
192.168.123.123

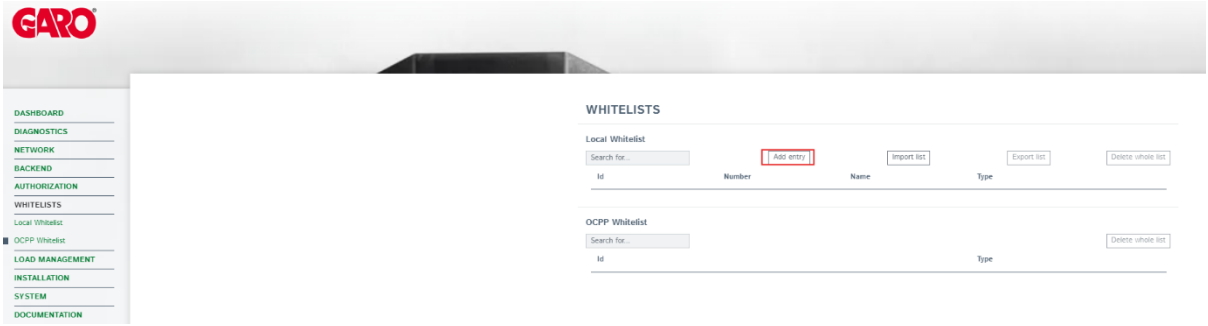
After logging into the charge controller “192.168.123.123", follow these steps:

1. Navigate to the **AUTHORIZATION** tab.
   - Set **Free Charging** to **OFF**.
     OFF = A charge session will need RFID authorization
     ON = No authorization is needed

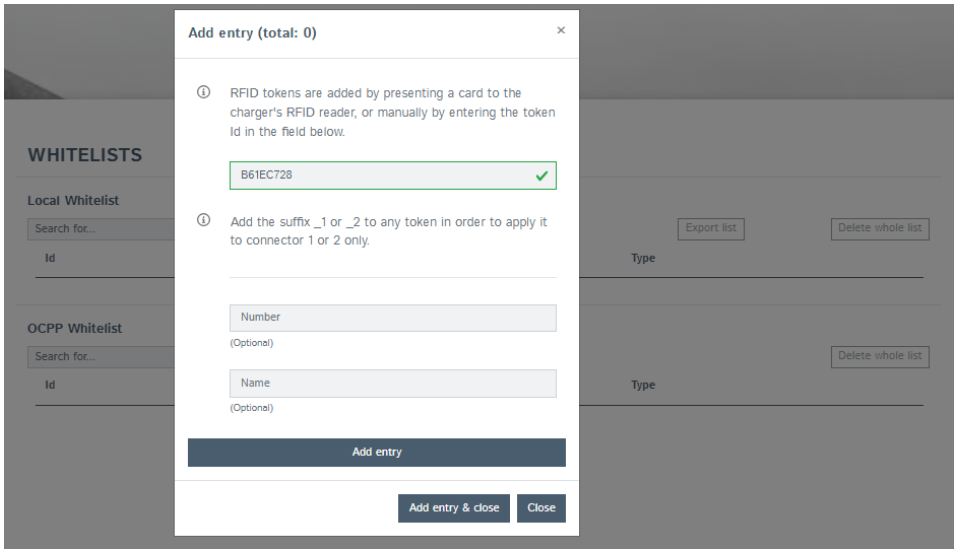


2. Set **Enable Local Whitelist** and **Enable OCPP Whitelist** to **ON** and click **Save**.

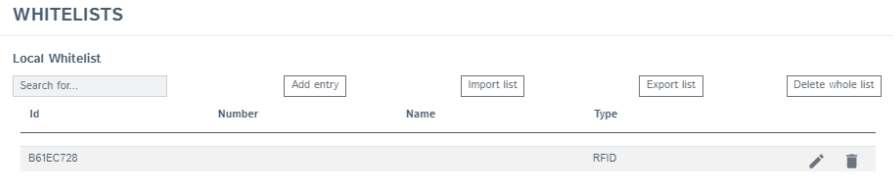
3. Navigate to the **WHITELISTS** tab.
   - Here, you can manually enter the token ID or scan the RFID tags in learning mode
   - **Export a list** of existing RFID tags
   - **Import a list** of RFID tags
4. To add RFID tags, click **“Add Entry”**
5. Enter the RFID tag number manually or hold the RFID tag against the RFID reader for **outlet 1** and wait for the LED to indicate blue.



6. Ensure the number appears in the ID field, then click **“Add Entry”** (If you only want to add one tag click **“Add Entry and Close”)**.
   For the final tag, click **“Add Entry and Close”**.



You should now see the RFID tags listed under the **Local Whitelist**.



7. Try a charging session to verify that you are able to start the session by using the added RFID tag/tags.

Adding RFID Tags – Legacy web interface

192.168.123.123:81/legacy/operator/operator

Note, if you can't access the legacy interface with above IP address please try:

GLB+

192.168.123.123/operator/operator

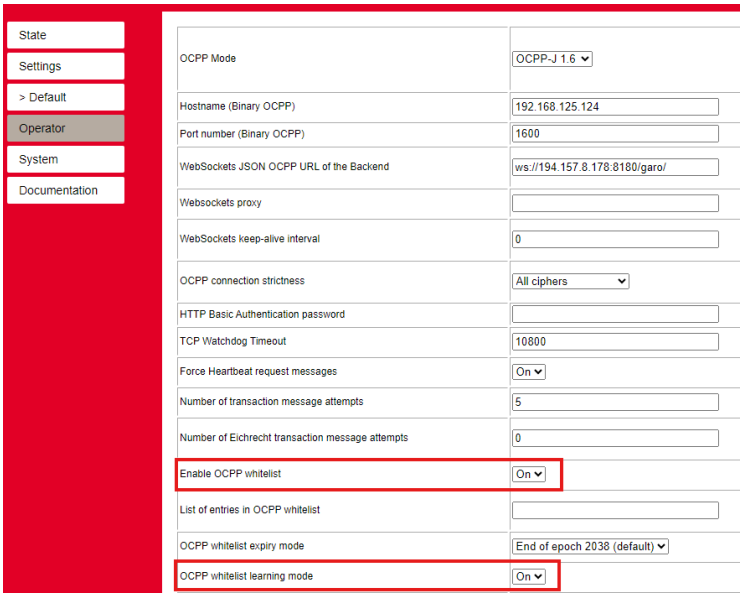
TWIN+, LS4:

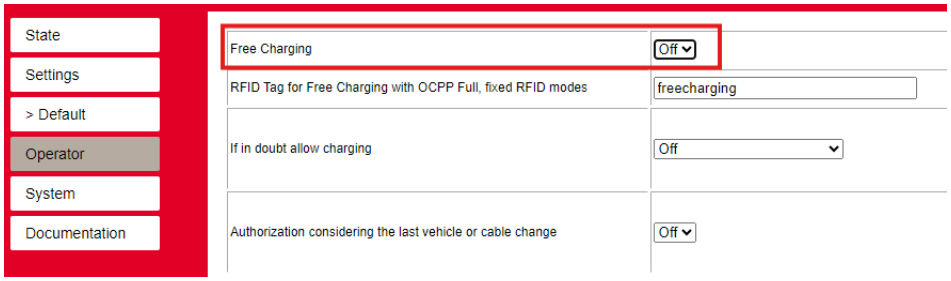
192.168.123.123:81/operator/operator ***Outlet 1***

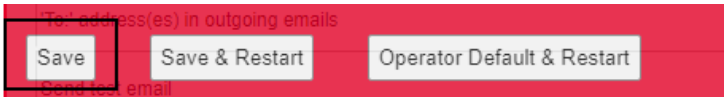
or 192.168.123.123:82/operator/operator ***Outlet 2***

After logging into the charge controller, follow these steps:

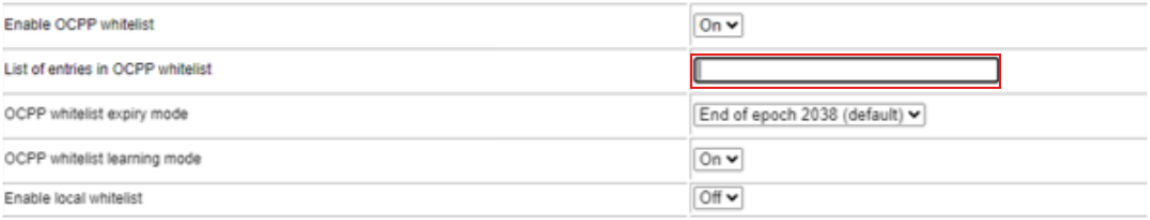
1. Navigate to the **Operator** menu
2. Scroll down to "**Enable OCPP Whitelist**" and set it to **ON**.
3. Set "**OCPP whitelist learning mode**" to ON.
4. Scroll down and set "**Free Charging**" to **OFF**.
5. Once these parameters are adjusted, click **Save**.







6. Click the box for "**List of entries in OCPP whitelist**", then hold the RFID reader for **outlet 1** and wait for the LED to indicate blue.



7. Click on **Operator** again, the tag should now appear in the "**List of entries in OCPP whitelist**".

8. Finally, set "**OCPP whitelist learning mode**" to **OFF** after adding the tags, *as leaving it ON will cause the charger to always try to add RFID tags*. click **Save & Restart.** After the restart, try a charging session to verify you are able to start the session by using the added RFID tag/tags.

Important:
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For further information, please contact:
Support E-mobility (EV charging, GARO Connect, G-Cloud)
Contact: Click here!