



# GARO<sup>®</sup>

**Adding a Sim Card & Network Connections :**  
GLB+, GTB+ LS4 - Version 2

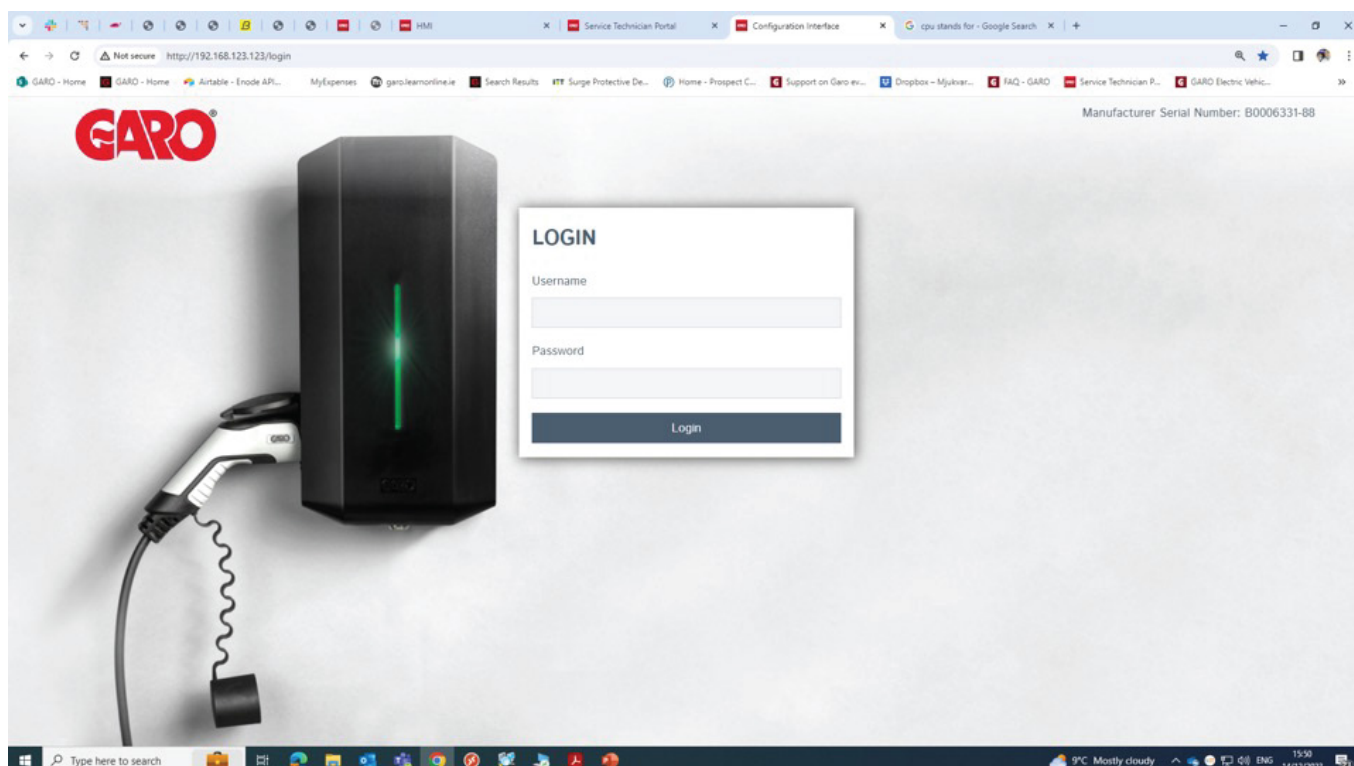
## Adding a Sim Card & Network Connections

### Logging into the charger controller - 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.

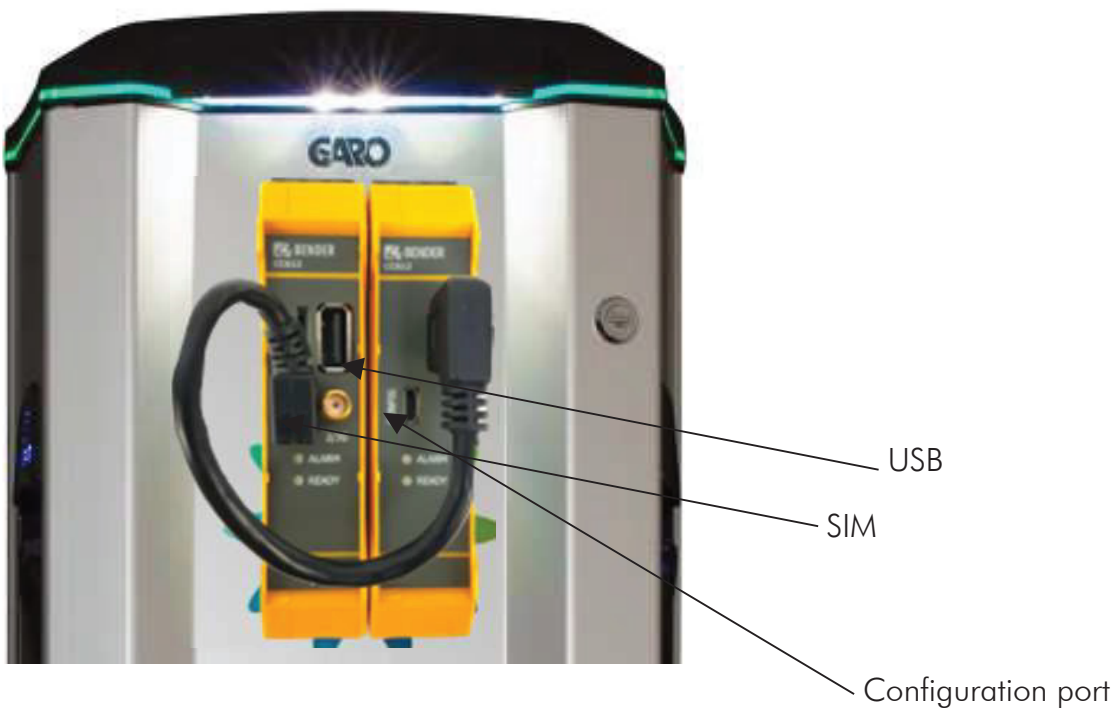
When you have that done you will need to open a web browser and type in your IP address (192.168.123.123/operator) to access the charge controller.

**Username:** operator  
**Password:** cherry\_zone



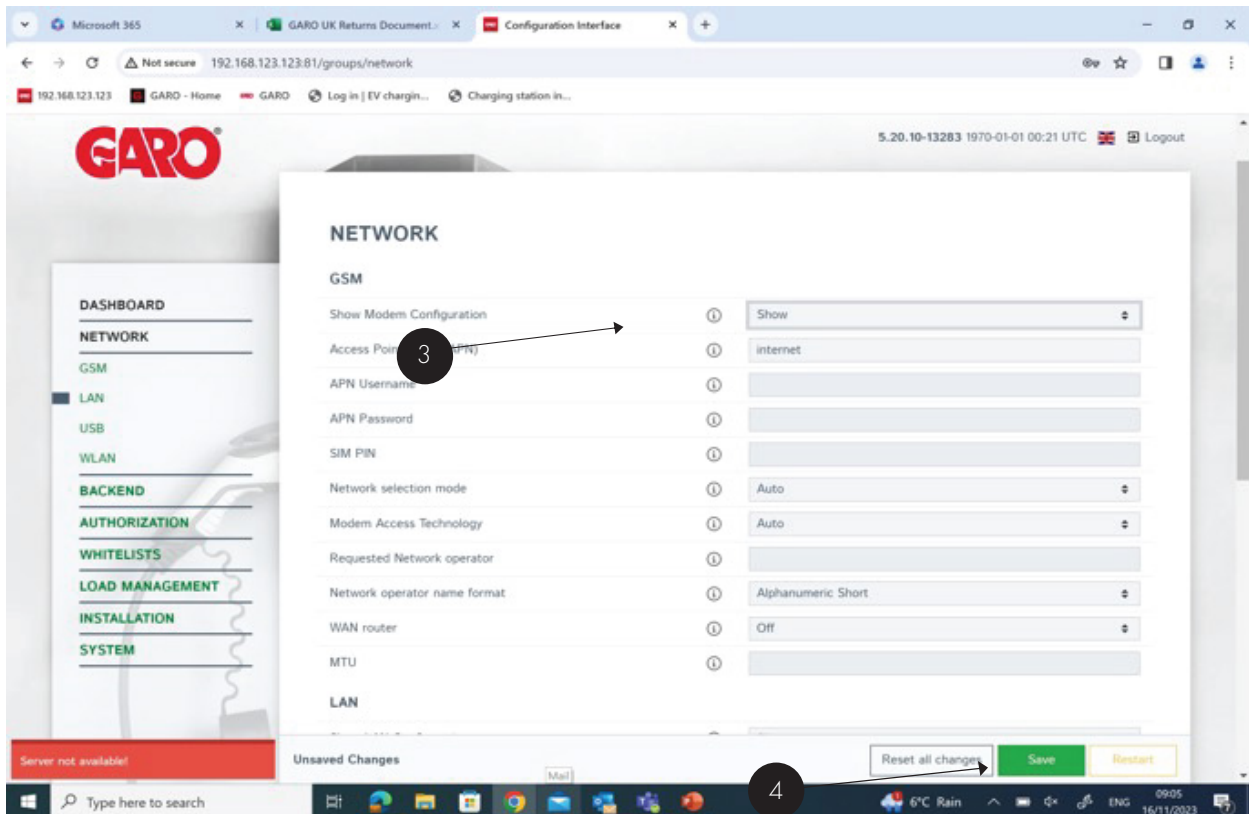
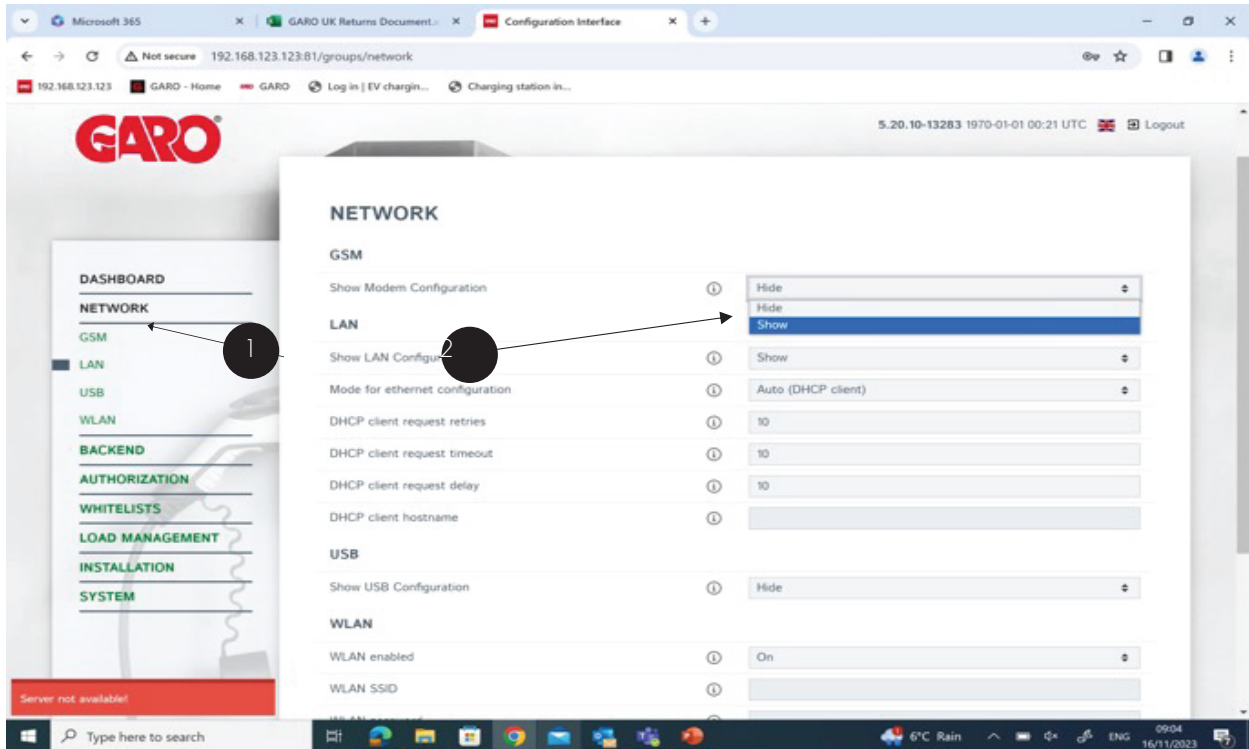
### Step 3

1. Insert the sim card into the sim card slot (in the left-hand side controller for the dual chargers CC1.)
2. Once the sim card is inserted follow next steps for setting up the parameters



## Step 4

1. Once logged in to the charger interface, go to Network menu
2. Click on hide and choose show from the drop down menu.
3. Fill any APN, PIN's , Passwords provided by the sim provider
4. Press save and continue with the rest of the configuration if required. Reset the charger once you finish with all parameters.



Press Save after changes. Restart after completion to activate the changes, if necessary

## Step 5

1. If LAN connection is required instead of the 4G
2. From the network menu in the new interface under LAN section choose show. The charger is set to Auto IP address and here is the opportunity to change to static if required. A static IP option is also possible.
3. Press Save after changes. Restart after completion to activate the changes.

The screenshot displays the GARRO Configuration Interface. The left sidebar contains a menu with items: DASHBOARD, NETWORK, LAN, USB, WLAN, BACKEND, AUTHORIZATION, LOAD MANAGEMENT, INSTALLATION, and SYSTEM. The main content area is titled 'NETWORK' and includes sections for LAN, USB, and WLAN. In the LAN section, the 'Show LAN Configuration' dropdown is set to 'Show'. The 'Mode for ethernet configuration' dropdown is open, showing 'Auto (DHCP client)' as the selected option. Other LAN settings include DHCP client request retries, timeout, delay, and hostname. The USB section has 'Show USB Configuration' set to 'Hide'. The WLAN section has 'WLAN enabled' set to 'On'. At the bottom, there are buttons for 'Reset all changes', 'Save', and 'Restart'. The status bar at the bottom right shows '5.13.2-11370 1970-01-01 02:06 UTC' and a 'Logout' link.

## Step 6

1. Once all details are inserted correctly as above, The connection state should be connected and modem status is OK.
2. Details of the sim card should be showing. When this is completed and the charger is online and the charger can be onboarded to the back office of your choice.

**System Status** 5.20.10-13283 2023-11-30 10:13 UTC Logout

Name	Connector 1	Connector 2
OCPP ChargeBoxIdentity (ChargePointID)	M5012855-5	
OCPP State	IDLE (available)	IDLE (available)
Type2 State	(A) Vehicle not connected PR: NO CABLE Plug not locked	(A) Vehicle not connected PR: NO CABLE Plug not locked
Signaled Current	0 A	0 A
Charging Current	( 0.00   0.00   0.00 ) [A]	( 0.00   0.00   0.00 ) [A]
Connection State (Backend)	Connected (send HB in 209 seconds [interval:240])	
Connection State (Modem)	OK APN session duration 0:00:00:54 (d:h:m:s) APN session traffic 0.00 KB	
Mobile Network Operator		
IMSI	240021000208225	
ICCID	8946072016290057202	
Free Charging	Off	Off

**System Status** 5.20.10-13283 2023-11-30 10:17 UTC Logout

Name	Connector 1	Connector 2
OCPP ChargeBoxIdentity (ChargePointID)	M5012855-5	
OCPP State	IDLE (available)	IDLE (available)
Type2 State	(A) Vehicle not connected PR: NO CABLE Plug not locked	(A) Vehicle not connected PR: NO CABLE Plug not locked
Signaled Current	0 A	0 A
Charging Current	( 0.00   0.00   0.00 ) [A]	( 0.00   0.00   0.00 ) [A]
Connection State (Backend)	Connected (send HB in 222 seconds [interval:240])	
Connection State (Modem)	OK APN session duration 0:00:04:41 (d:h:m:s) APN session traffic 0.00 KB	
Mobile Network Operator	3 UK 3	
IMSI	240021000208225	
ICCID	8946072016290057202	
Free Charging	Off	Off
Error(s)	No errors	
RDC-M (RCMB) state	DC: OK, RDC-M (RCMB) Device Status (IEC 62955): OK Last transaction maximum DC: 0.1 mA Values DC: 0.0 mA	DC: OK, RDC-M (RCMB) Device Status (IEC 62955): OK Last transaction maximum DC: 0.0 mA Values DC: 0.0 mA

\*NB\* If all settings are done and charger is still not online , please double check all physical connections and cable ends , router settings. Please check for any IT restrictions (firewall ect.) If all of the above has not worked, please contact GARO support team, for further advice.



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