



## Configure Operator Current Limit for outlet(s) LS4, GTB+, and GLB+

### **Important:**

Any modifications performed on the controller are done at your own risk. GARO is not responsible for any issues caused by incorrect handling or unauthorized changes.

*Note, this must be done by a certified electrician*

Managing operator current refers to the process of overseeing and regulating the flow of electrical current. It is essential that the current remains within safe and desirable limits. The goal is to prevent electrical overloads, short circuits, and equipment failures. This specifically controls individual the socket output.

To configure operator current limits for outlet(s), you will need to access the charger's controller through either the new or legacy web interface. Follow the steps provided for the specific web interface you are using.

### Before You Start:

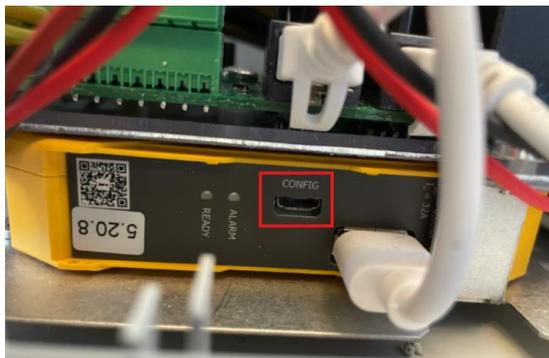
You will need a Laptop and a micro-USB to USB-A cable (important that the cable has possibilities for data transfer and not only charging).

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

192.168.123.123:82/operator/operator

**Outlet 1**

**Outlet 2**

Login Credentials:

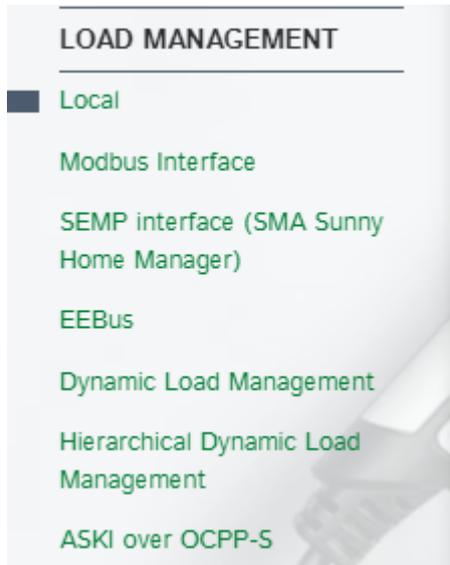
- Username: operator
- Password: cherry\_zone or yellow\_zone

**To configure operator current limit for outlet(s) through the new Interface**

Access the New Interface via IP address: 192.168.123.123

**Step 1.**

Navigate to "LOAD MANAGEMENT" -> "Local" tab (wait for the page to fully load)



Locate the options:

"Operator Current Limit [A]" and

" Operator Current Limit [A]"(Connector 2)" (the latter is available only for LS4 and GTB+).

**LOAD MANAGEMENT**

**Local**

Operator Current Limit [A]		16
Operator Current Limit [A] (Connector 2)		16
Max Energy per session [kWh]		0
Max Time per session [h]		0
Energy management from external input		Disable 
Energy management from external input (Connector 2)		Disable 
Enable Disconnected Upper Limit for SmartCharging		Off 
Enable Disconnected Upper Limit for SmartCharging (Connector 2)		Off 
Delete all Smart Charging profiles		

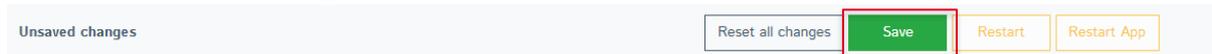
**Step 2.**

Set the desired current on "Operator Current Limit [A]"

- For outlet 1, "Operator Current Limit [A]"
- For outlet 2 (LS4/Twin+ only): " Operator Current Limit [A]"(Connector 2)"

**Step 3.**

Click "Save" to save the configuration. (The bar is visible in the bottom of the screen.)



Once saved, the operator current limit should be set, and you can now try a charging session to confirm.

**Configure operator current limit for outlet(s) via the Legacy Interface (for Twin+ and LS4 you need to adjust both outlets separately in legacy interface)**

Access the Legacy Interface via IP address:

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

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

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

**GLB+**

192.168.123.123/operator/operator

**TWIN+, LS4:**

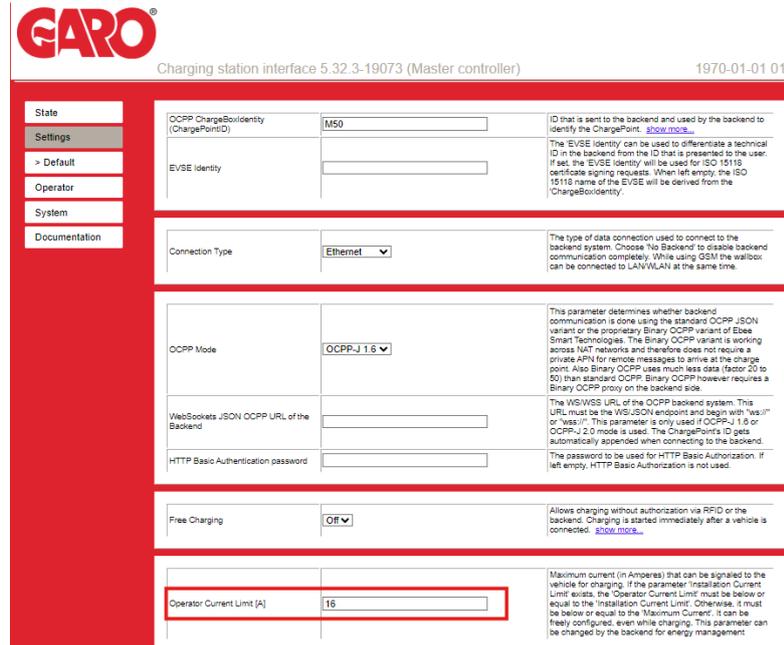
192.168.123.123:81/operator/operator **Outlet 1**

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

After logging into the charge controller(s), follow these steps.

**Step 1.**

Go to the "Settings" tab and scroll down until you see "Operator Current Limit".



The screenshot shows the GARO web interface for a charging station interface 5.32.3-19073 (Master controller). The 'Settings' tab is active. The 'Operator Current Limit (A)' field is highlighted with a red box and contains the value '16'. Other settings visible include OCPP ChargeBoxID (M50), EVSE Identity, Connection Type (Ethernet), OCPP Mode (OCPP-J 1.6), WebSockets JSON OCPP URL of the Backend, HTTP Basic Authentication password, Free Charging (OFF), and OCPP ChargeBoxID (M50).

**Step 2.**

Click "Save & Restart" to save the configuration.



The screenshot shows the bottom of the GARO web interface with three buttons: 'Save', 'Save & Restart', and 'Settings Default & Restart'. The 'Save & Restart' button is highlighted with a red box.

Once the controller has been restarted the operator current limit should be set, and you can now try a charging session to confirm.



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**For further information, please contact:**

Support E-mobility (EV charging, GARO Connect, G-Cloud)

Contact: [Click here!](#)