

OpenEVSE

WiFi - Join Network

This guide shows how to join your wireless network.

Written By: Christopher Howell

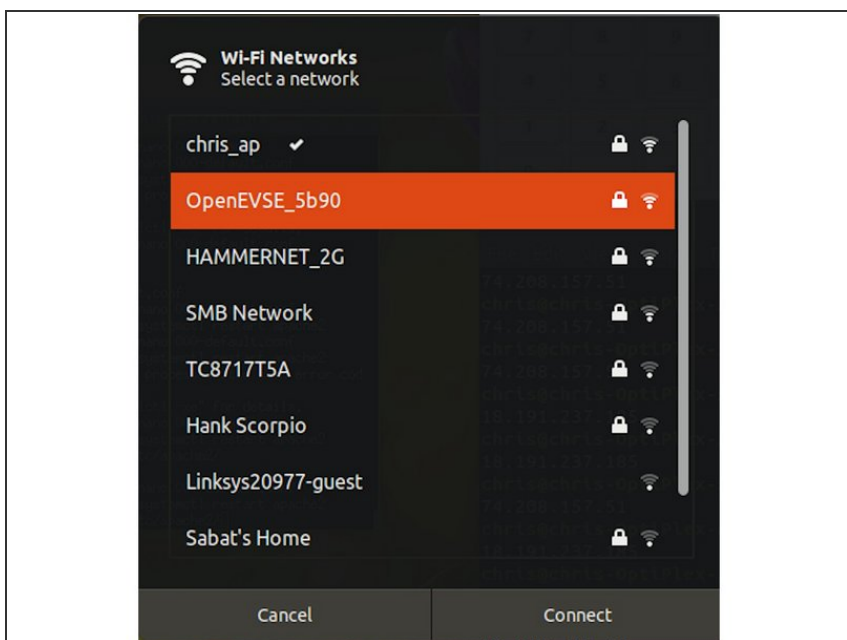


Step 1 — Boot Charging Station



- By default OpenEVSE will boot hosting a default WiFi network portal.
 - Network: OpenEVSE_XXXX
- ⚠ XXXX represents a random identifier for your station.
- Password: openevse

Step 2 — Join OpenEVSE_XXXX



- Connect to the OpenEVSE_XXXX network with a wireless phone, tablet or laptop.
- ⚠ In this example our name is OpenEVSE_5b90.
- 📌 Write down the last 4 of your station for use later.
- Use password openevse

Step 3 — Open Portal



i If the Portal does not automatically open, open a web browser enter 192.168.4.1 for the address.

! 192.168.4.1 is temporary and only used in this mode.

- Select your WiFi name from the list, enter your WiFi password and click connect.

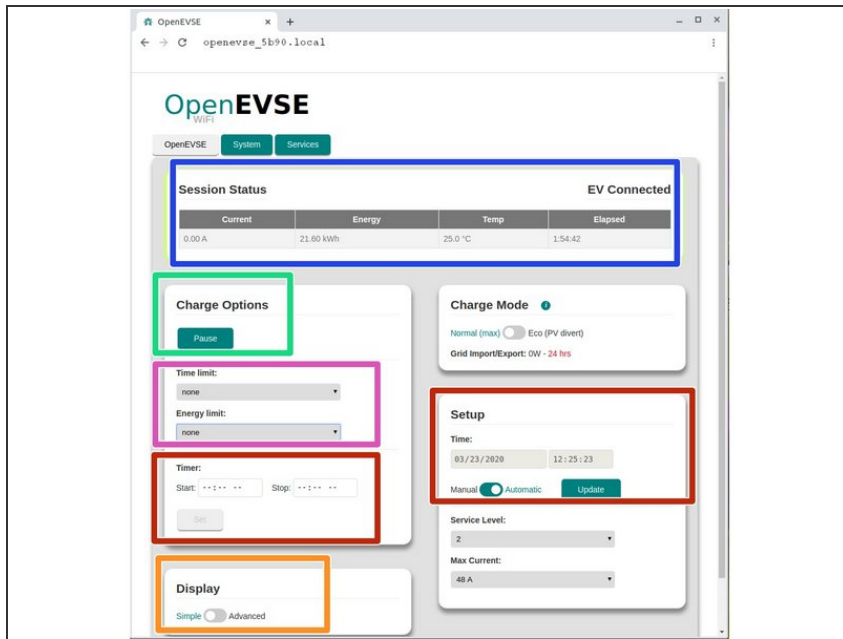
! If successful the OpenEVSE_XXXX network will disappear and the temporary address will no longer work.

➔ A new numerical IP address will now be assigned by your network and displayed every time the station is started.

i Reconnect using the new numerical IP address or <http://openevse-XXXX.local>. Replace XXXX with unique digits of your hostname.

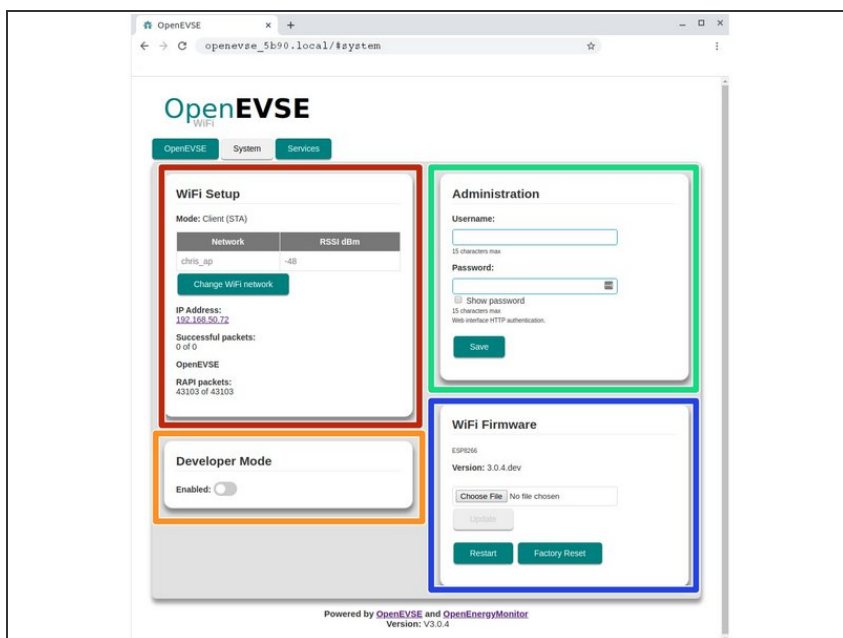
- Alternatively, "WiFi Standalone Mode" is available if no WiFi networks are available. Internet based services are not available in Standalone mode.

Step 4 — OpenEVSE Tab



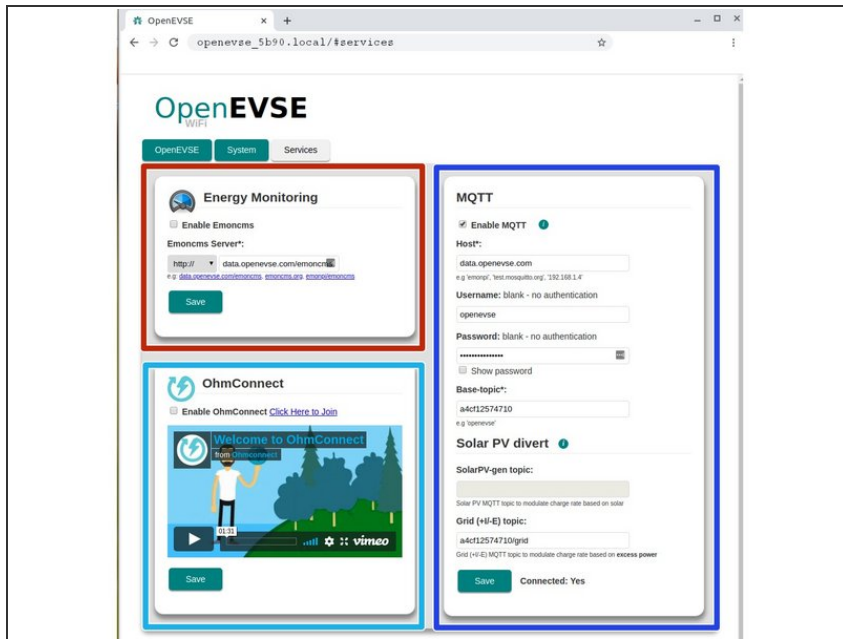
- The OpenEVSE tab provides the management of most charging functions.
- View Status
- Pause or Resume Charging
- Set Start and Stop Timer
- Set Session options charge for xx minutes or add xxx kwh.
- View station settings and sensor values

Step 5 — System Tab



- The System Tab provides management of the WiFi Module.
- WiFi Setup, view statistics or join a new network.
- Administration, set a username and password for enhanced security.
- WiFi Firmware, update the WiFi Firmware (See Guide) or reset to factory defaults.
- Developers Mode- enables advanced configuration options and direct access to send ant RAPI commands to controller.

Step 6 — Services Tab



- The Services tab provides the ability to connect and manage external services.
- Energy Monitoring - setup Energy Monitoring on emoncms.org or data.openevse.com.
- OhmConnect - Earn credit for reducing demand during peak times. California and other major US markets.
- ⚠ Key can be found using browser "Inspect". `var channel = pusher.subscribe("OpnEoVse");`
- MQTT used to integrate into your home automation system.

Step 7 — Help?



- If you need help please contact OpenEVSE Support via Email at support@openevse.com

