

COMMISSIONING

Floatbridge



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Introduction

This guide describes how to set up the hardware and connect it to the Floatbridge software. It is intended for all Floatbridge users who are performing an initial installation.

There are several possible starting points here:

- The customer can order all hardware, including load management, from Partino
- already have a partial infrastructure in place and want to add additional charging stations and load management
- already have the complete infrastructure on site and simply want to add load management.

The following process illustrates Case 1 as an example.

Prerequisites

- A stable internet connection is absolutely required during configuration in Floatbridge
- Initial registration in Floatbridge has already been completed, and login credentials for Floatbridge are available
- The commissioning form is available
- Backend preparation is complete, and a test charging card is available or Plug&Charge is enabled



PROCESS FLOW

Installation on site



Hardware received from Partino

Receipt of the equipment (e.g. 1 power supply, 4 VOOL chargers, 1 Siemens meter, 3 coils).



Install equipment on site

The hardware can now be installed on site.



Querying and entering IP addresses

Next, the customer's IT contact must request the IP addresses for all devices on the network (meters, charging stations, Connect-Box).

In the next step, the IP addresses can be entered into the respective devices.



Meter

The IP addresses for the meters can be entered directly into the devices.



Charging station

For charging stations, this information is entered either directly on the charging station's portal or on site at the charging station itself.



Connect-Box (optional)

The Connect-Box's IP address is 192.168.137.10 by default.

If you want to use a different IP address, you must change it on the Connect-Box interface (direct connection from the PC to the Connect-Box via LAN/RJ45 — see the "Connect-Box IP Address" instructions on the [Floatbridge Wiki](#)).



Endpoint on the charging station

The next step is to preconfigure the charging station. This means that the URL containing the Connect Box's IP address must be entered into the charging station—for example: `ws://192.168.137.10:80/ocpp1.6j`.



Retrieve the OCPP-ID

Next, the OCPP-ID is retrieved from the station. Depending on the provider, this can be done using the charging station's software. Important: Please check the OCPP-ID and note it on the IBN form (be sure to use the correct case).



Fill out the IBN-Form

All relevant data communicated by the IT department and retrieved from the devices must now be recorded on the commissioning form. Please have this form ready, as the data is needed for entry into Floatbridge.



LOG-IN

Log-in to Floatbridge

Access data

- 1 Please log in to Floatbridge using your login credentials.

The login screen for Floatbridge, a development by partinc. It features a large 'Floatbridge' logo at the top. Below the logo, there are two input fields: 'Enter your Email' and 'Enter your Password'. A line from the instruction points to the email field.

Open new site

Search

- 2 Click on the search icon.

Groups

- 3 Click in der overview on "Groups".

Selection

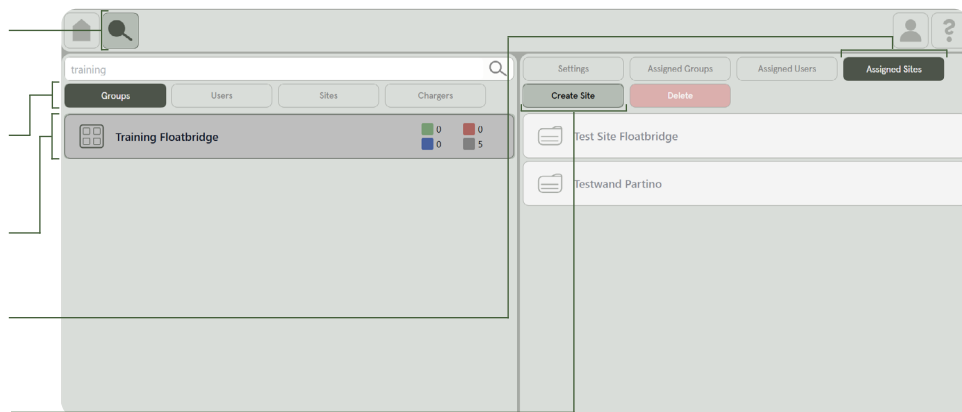
- 4 Select your group.

Assigned Site

- 5 Select "Assigned Sites".

Create Site

- 6 Click on "Create Site".



Open site

- 7 Here you can create a new site and enter the relevant parameters.

Remote-Connection

- 8 If you are only establishing a remote connection and aren't using a Connect Box, click the "Remote" button.

Remark

- i If the Connect Box settings are changed after commissioning, a restart is always required. For more details, see the troubleshooting guide for commissioning on the [Floatbridge Wiki](#).

A screenshot of the 'Create Site' dialog box in the Floatbridge application. The dialog has fields for 'Sitename' (filled with 'Testwand Partino'), 'Address' (filled with 'Geographischer Standort der Site'), 'Connect-Box ID' (filled with '11111111111111111111'), 'Ripple Control Current' (set to '0'), 'Backend URL' (filled with 'ws://ws.evc-net.com'), and 'Secondary Backend URL'. There is a 'Remote' checkbox which is checked. An 'Add Site' button is at the bottom. A line from the instruction points to the 'Remote' checkbox.



LOAD MANAGEMENT

Search site & open Load Management

Search

- 9 Click on the search symbol.

Site Name

- 10 Then enter the name of your newly created site and press Enter.

Sites

- 11 Click on "Sites".

Selection

- 12 Select your site.

Load Management

- 13 Click on "Load Management" to open the site.

Add a new meter

Add New Meter

- 14 Add a meter by clicking the "Add new Meter" button.

Meter information

- 15 Fill in the meter information in the input form. Important: All fields must be filled out during creation. If certain details are not yet known, placeholder information can be entered temporarily and adjusted later in the settings. The exception is the "Meter Communication Protocol": After creation, you can only switch between TCP and RTU or from TCP/RTU to virtual, but not from virtual to TCP/RTU.

ModBUS TCP

- i Select ModBUS TCP.

ModBUS RTU

- i Select ModBUS RTU.



Adjust meter data (if necessary)

If you would like to make adjustments to the meter parameters later, you can do so as follows:

Meter selection

- 16 Click on the meter.

Settings

- 17 Click on the settings for the selected meter. Here, you can still change the settings later (with a restriction regarding the "Meter Communication Protocol"—see note 15).

Testwand Partino - Training

Add new Meter Add new Charger

Testwand Partino - Training

1 HAK - Testwand Chargers Attached: N/A L1: N/A L2: N/A L3: N/A

2 Grid 1 Chargers Attached: N/A L1: N/A L2: N/A L3: N/A

Standalone Chargers +

Dashboard Settings

Submit Delete

Meter Name

Grid 1

Parent Meter

HAK - Testwand

Current Rating

125

Created At

13:18 03.06.2026

Meter Communication Protocol

☐ No meter (virtual) ☐ ModBUS TCP

Meter Type

Circutor CVM-E3-MINI

Device Address

Check the status of the meter

Dashboard

- 18 Check whether the meter is online. To do this, return to the meter Dashboard. After creating the meter, wait a few moments, then refresh the page.

Online-Status

- 19 If the connection is successful, the meter status will be displayed as "Online." Otherwise, no data will appear in the dashboard.

Wiki

- 20 If the meter is not online, refer to the [Floatbridge Wiki troubleshooting guide](#) for commissioning. The "Connection Problems" section provides step-by-step instructions to help you identify and resolve the issue.

Testwand Partino - Training

Add new Meter Add new Charger

Testwand Partino - Training

1 HAK - Testwand Chargers Attached: N/A L1: 12.3A / 400A L2: 12A / 400A L3: 11.9A / 400A

2 Grid 1 Chargers Attached: N/A L1: 0.16 A / 125A L2: 0.16 A / 125A L3: 0.16 A / 125A

Standalone Chargers +

Dashboard Settings

State

online

Available Current

124.85 A

Current

L1: 0.16 A / 125A

L2: 0.16 A / 125A

L3: 0.16 A / 125A

Voltage

L1: 235.69 V

L2: 234.95 V

L3: 235.41 V

Fuse Rating

125 A

Current Transformer

300/5 A

Active Energy Import

9546.38 kWh

Power

0.03 kW

Frequency

49.98 Hz

Mode

tcp



CHARGING STATION

Create a new charger

New charger

- 21 In the next step, add a new charging station by clicking “Add new Charger.” Make sure the charging station is assigned to the correct meter (parent meter). Also, please be sure to use the correct case for the OCPP ID.

Charger data

- 22 Fill in the information for the charging station in the input form.

Important: All fields must be filled out during creation. If certain details are not yet known, placeholder information can be entered temporarily and adjusted later in the settings. The “Charger Type” is an exception: Once created, you can only switch between AC and DC models. It is also no longer possible to switch from a standalone charger to a charger integrated into a meter (parent meter).

The screenshot shows the 'Add new Charging Station' dialog box. It has the following fields: 'Custom Name' (text input), 'OCPP ID' (text input), 'Charger Type' (dropdown menu), 'Parent meter' (dropdown menu), and 'Primary Backend URL' (text input). The 'Add charger' button is located at the bottom right of the dialog box. The background shows the 'Testwand Partino - Training' interface with a list of meters and a 'Standalone Chargers' section.

Adjust charger data (if necessary)

If you would like to make adjustments to the charger settings later, you can do so as follows:

Charger selection

- 23 Click on the desired charger.

Settings

- 24 Click on the settings for the newly opened charger. Here, you can still change the settings later (with some restrictions regarding “Charger Type” and “Parent Meter”—see point 22).

Remark

- i If the charger settings are changed after commissioning, a restart is always required. See the Troubleshooting guide on the [Floatbridge Wiki](#) for details.

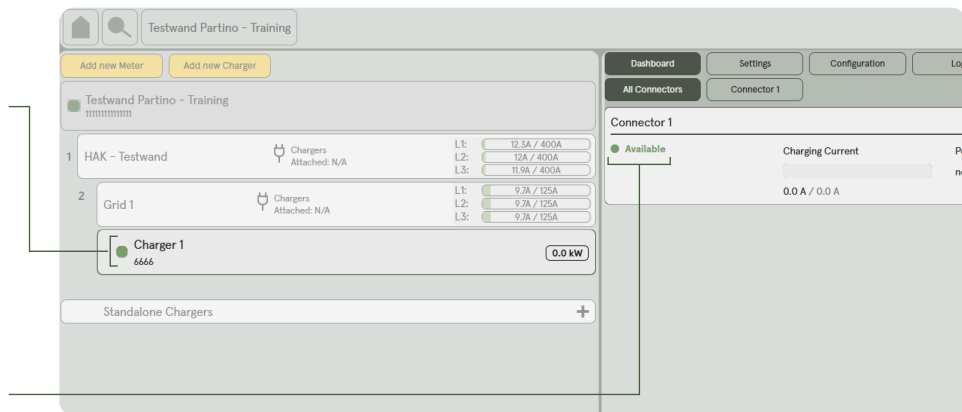
The screenshot shows the 'Settings' page for a charger. It has the following fields: 'OCPP Id' (text input), 'Custom Name' (text input), 'Charger Type' (dropdown menu), 'Number Of Connectors' (dropdown menu), and 'Current per Connector [A]' (text input). The 'API Key' field is also visible. The background shows the 'Testwand Partino - Training' interface with a list of meters and a 'Standalone Chargers' section.



Check the status of the charger

Online-Status

- 25 Check whether the charger is online by clicking on it on the left. After creating it, wait a moment and then refresh the page. If the connection was successful, you will see a small green square on the chargers banner.



Dashboard

- 26 You can also see on the dashboard whether the charger is online.

Wiki

- 27 If the charger is offline, refer to the troubleshooting guide for commissioning in the [Floatbridge Wiki](#) under the section "Connection Problems."

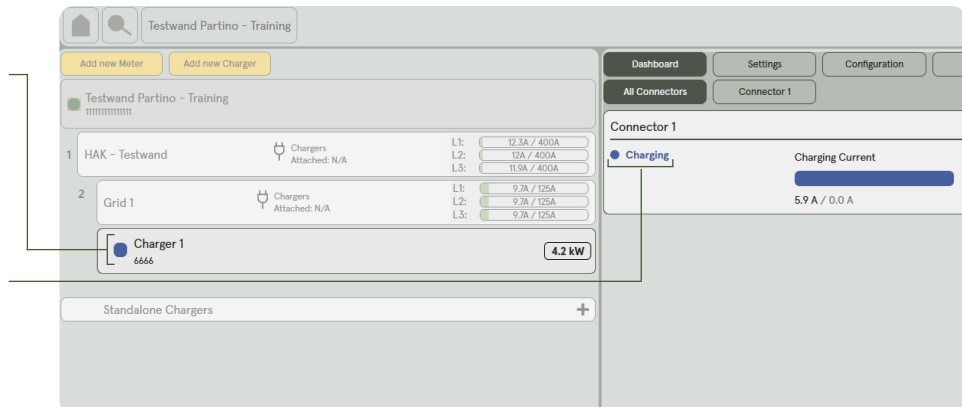


Perform a test load

Perform a test load, either using a test charging card or via Plug & Charge (this must be configured accordingly on the charging station). If the test charge was unsuccessful, please consult the troubleshooting checklist for commissioning.

Load status

- 28 During the test charge, check the status of the charger. You can see this on the charger's display.



OCPP-State

- 29 In addition, the OCPP state in the dashboard changes to "Charging."

Wiki

- 30 If the test charge was unsuccessful, please refer to the troubleshooting instructions for operational issues in the [Floatbridge Wiki](#).



Age Group	Percentage
18-24	45%
25-34	35%
35-44	25%
45-54	15%
55-64	10%
65-74	8%
75-84	6%
85+	5%

Please check the installation and fill out the Partino measurement report accordingly.
Send it to service@partino.ch.
The commissioning is now successfully completed.

FLOATBRIDGE COMMISSIONING-FORM METER TEST REPORT

Meter Test Report

These measurements are necessary to ensure that the load management system operates correctly. Measurements must be performed in accordance with current standards and using calibrated measuring

Type

31 Meter type, model

Location

32 Fill in the exact location of the meter.

Measuring device (A)

33 Record the reading of your measuring device.

Meter (A)

34 Record the reading of your meter.

Transformer Coil XXX/XA

35 Write down the ratio of the transformer coils.

Confirmation

36 Place, date, name and signature

I hereby confirm that the transformer coils were measured correctly in accordance with the completed list.

Place, Date

Name

Signature

