

INSTALLATION MANUAL

Up and running in six steps

PowerHub ONE is designed to be straightforward to set up. Below we walk through the steps: from unpacking and positioning to setting the mode and the feed-in power. Always read the official documentation supplied with the product as well — that remains decisive.

STEP 1

Unpacking, positioning and connecting

Your set consists of several parts: the Main Unit with the inverter and one or more battery modules. Together they form a single stack.

- Choose a stable, level and dry surface that can carry the weight of the complete stack.
- Place the battery modules at the bottom and put the Main Unit with the inverter on top of the stack.
- Connect the parts to each other as described in the supplied documentation.
- Plug the power cable into an earthed socket; the system then starts up automatically.

STEP 2

Creating an account and signing in

Management runs through the PowerHub app. You register an account once and then sign in.

- Download the PowerHub app to your phone.
- Create an account once using your email address.
- Sign in; your account is then remembered on your phone.

STEP 3

Adding devices and connecting to Wi-Fi

In the app you first add the inverter and then, if you use one, the P1 meter. Adding is done via the plus icon in the app.

- Tap the plus icon and add the inverter first.
- Allow the app to use Bluetooth; that connection is used to find the device.
- Enter your Wi-Fi name and password so the device stays connected on its own.
- Then add the P1 meter in the same way.

STEP 4

Setting the mode

You decide how the system behaves. The available modes can be found in the app.

- Smart mode: the system charges and discharges automatically based on the information from the P1 meter, aiming to use as much of your own energy as possible.
- AI control (optional): additional charging can be aligned with dynamic energy prices if you have a dynamic contract.
- Custom mode: you set when and how much is charged and discharged yourself.

STEP 5

Setting the maximum feed-in power

By default the system is set to the socket setting: up to 800 W. In that setting no separate circuit and no registration are required. In the app you can raise the maximum feed-in power to up to 2.4 kW peak if you wish.

- Standard (ordinary socket) — On an ordinary, shared socket PowerHub ONE delivers up to 800 W (0.8 kW nominal). In the Netherlands that is the practical limit for plug-in batteries: no separate circuit and no registration needed — simply plug it in.
- With a dedicated circuit (optional) — To use the higher power output you need a dedicated (free) electrical circuit, which a certified installer can put in place. In that setup the system delivers, according to the datasheet, up to 2.4 kW peak (10.43 A) at 230 V — suitable for higher consumption peaks, for example from a heat pump or a charging point.

IMPORTANT

Only increase the feed-in power if PowerHub ONE is connected to a dedicated (free) electrical circuit. An ordinary socket and its circuit are not intended for the higher power output: using the higher setting without a dedicated circuit is at your own risk and can overload the existing installation. Have a dedicated circuit installed or assessed by a certified electrician.

STEP 6

Home screen & backup power

After installation, the app's home screen shows at a glance what is happening: what your home is consuming right now, what is being generated and what the battery is doing — charging or discharging, with the corresponding wattage.

- The home screen shows the current energy flows, including the battery's charge or discharge power.
- Backup output (during a power cut): during an outage, devices connected to the backup output keep running. The datasheet states 2.4 kW nominal with a peak current of 10.43 A for 1 second and a switchover time of ≤ 10 ms. It is a backup for selected devices — such as a router, fridge or lighting — not an automatic takeover of the entire fuse box.
- Do you want to use backup power? Only connect the devices you want to keep running during an outage, and always have the connection to (part of) your home installation assessed by a certified electrician.

SUPPORT

Questions during installation?

Our Dutch support team is happy to help. Available Mon-Fri, 9:00 – 17:00.

Phone: +31 6 24 15 97 78 · Email: info@powerhubone.com

The official documentation included with the system always takes precedence.