MONIWATT

Quick Start & Reference Card

Wi-Fi monitor for your battery, BMS or inverter

SETTING UP YOUR BOX

1. Plug the supplied **RJ45** cable into the box and into the free communication port of your equipment (**RS485**, **RS232**, **BMS** or **Console**: your installation guide shows which). Keep this cable: it is wired for your model.
2. Power the box with the **USB-C** cable and any phone charger (5 V).
3. The screen asks you to join a Wi-Fi network and shows its name. Join it from your phone (no password). The setup page opens by itself; if not, open `http://192.168.4.1`.
4. Pick your home **2.4 GHz** Wi-Fi, type its password and tap **Save**. If the page also asks for a password for the box, choose one and keep it safe. The box restarts.
5. The screen now shows your values and, at the bottom, the address of the box. Open that address (for example `http://192.168.1.57`) on any phone or computer at home.

YOUR DASHBOARD

Live values, every cell or every power flow, 24-hour curves, CSV export and a **Diagnostics** tab. No app and no account: it runs on your own Wi-Fi.

Watch it from anywhere

The free Cloud is included: 3 years of history and e-mail alerts. On the box's page, open **Settings › Remote access (Cloud)**: it shows the website of your box and its access key. Sign in there with your e-mail and add the box with that key.

If sending to the Cloud is off, tick it in that same card. Without it, everything stays on your own Wi-Fi.

SMART HOME

Home Assistant

Enter your MQTT broker in the **Smart home** tab: every sensor appears by itself (MQTT discovery).

API JSON

`/api.json` on the box's address: every value in JSON, for Jeedom, Node-RED, Domoticz, openHAB…

KEEP IT UP TO DATE

Settings › Firmware update: **Check**, then **Install** (about 30 s). Every file is signed. Won't start any more? Reinstall it over USB from the website of your box, page **/reset**.

GOOD TO KNOW

- **New router or new Wi-Fi password?** If the box cannot find its Wi-Fi when powered on, the screen asks you to join its setup Wi-Fi again after about 40 seconds.
- **Read only:** the box only reads your equipment and never changes a setting. The link between battery and inverter is untouched.
- **No values?** The **Diagnostics** tab shows what the box hears. Check that the cable is in the right port.

Wi-Fi **2.4 GHz** Screen **1.8″ colour** Link **1× RJ45, RS485 or RS232** Power **USB-C, 5 V**

Need help? moniwatt.com/start

Scan: choose your brand to open its installation guide, with the port to use and photos. Or reply to your order e-mail: we answer every message.