

Quick Start & Reference Card

Wireless Pylontech battery monitor

SETTING UP YOUR DEVICE

- 1 Connect the **RJ45** cable — one end into the **Console** port on your Pylontech battery (top of the master battery if you have several), the other end into the Pylon-Monitor's RJ45 socket.
- 2 Power on — plug in the **USB-C** cable.
- 3 Join the WiFi network
PylonMonitor-Setup (no password) from your phone or computer.
- 4 A setup page opens by itself. If not, open 192.168.4.1 in your browser.
- 5 Pick your home WiFi, enter its password, tap **Save**.
- 6 The device restarts and joins your home WiFi. **Join your home network too** (the setup network disappears), then open `pylon-monitor.local` — also shown on the device's screen.

GOOD TO KNOW

- No password required by default — you can add one anytime in **Settings**.
- Reset button (back of unit): **twice** quickly reopens the setup network, **three times** quickly erases all settings.
- This device only **reads** the Console port — it never sends commands, so it can't affect your Pylontech battery's warranty.

SPECIFICATIONS

Connectivity	2.4 GHz WiFi
Display	1.8" IPS colour TFT
To battery	1× RJ45, Console port
Power	1× USB-C, 5V
Models	US2000, US2000B+, US2000C, US3000, US3000C, US5000, UP2500

YOUR DASHBOARD

Open `http://pylon-monitor.local` (or the IP on screen) in any browser. Live SOC, voltage, current, power, SOH, cycles, temperatures, per-cell voltages — no app, no account.

DEVELOPERS & SMART HOME

JSON API

One endpoint, no auth by default — or token-protected if you prefer: `/api.json`

Home Assistant

MQTT auto-discovery or REST — ready-to-paste YAML generated for you in **Settings**. Also works with Jeedom, Node-RED, Domoticz, openHAB, Grafana & more.

CHECK IT FROM ANYWHERE

Settings > Public JSON access > "Enable a real public URL" — a private link that works from your phone, the office, or while travelling. No port forwarding, no VPN. Off by default; the device stays 100% local unless you turn it on.

KEEPING IT UPDATED

Settings > Update firmware > Update now — one click, ~30 seconds. Or grab the `.bin` at `pylon-monitor.com/firmware`.



Need help? pylon-monitor.com

contact@pylon-monitor.com — scan for setup help & full docs. We answer every email.