

# SolarSync P1 Meter

## Quick Start Guide

Real-time insight into your home energy

### What's in the Box

- SolarSync P1 Meter module
- RJ12 P1 cable (connects to your smart meter)
- This Quick Start Guide

### Step 1: Connect to Your Smart Meter

Locate the P1 port on your Dutch or Belgian DSMR 5.0 smart meter. It's typically a small RJ12 socket labeled "P1" on the front or bottom of the meter.

Connect the RJ12 cable from the SolarSync module to the P1 port. The module powers itself directly from the meter — no external power supply needed.

*The green LED on the module will blink briefly during startup (approximately 3 seconds).*

### Step 2: Connect to SolarSync WiFi

On your smartphone or tablet, open your WiFi settings. Look for a network named:

**SolarSync\_XXXXXX**

(where XXXXXX is the last 6 characters of the device's MAC address)

Connect to this network. A setup page should open automatically. If it doesn't, open your browser and navigate to **192.168.4.1**

### Step 3: Enter Your Home WiFi

On the setup page, enter your home WiFi network name (SSID) and password. Use the "Show password" checkbox to verify what you typed.

Tap **Connect**. The device will save your credentials and restart. It will now connect to your home WiFi network.

*If the connection fails, the device will broadcast the SolarSync WiFi again so you can re-enter your credentials.*

### Step 4: Access the Dashboard

Once connected to your home WiFi, you can access the SolarSync dashboard from any device on the same network:

- Open your browser and go to the device's IP address (shown on the setup confirmation page)
- Or use the mDNS address: `http://SolarSync_XXXXXX.local`

The dashboard shows real-time energy data: solar export, grid import, cumulative energy, gas usage, and meter status.

## Troubleshooting

Problem	Solution
Setup page doesn't open	Open browser and go to 192.168.4.1 manually
Can't find SolarSync WiFi	Unplug the RJ12 cable, wait 5 seconds, reconnect. The AP broadcasts for 30 seconds after boot.
Wrong WiFi password entered	The device will re-broadcast the SolarSync AP after 3 failed connection attempts. You can also create a hotspot named "SolarSync" with password "SolarSync" to access the settings page.
Dashboard shows no data	Check that the RJ12 cable is firmly connected to the P1 port. Some meters require a few seconds to start sending data.

For more information, visit: [battpulse.com/product/solarsync-p1-meter](https://battpulse.com/product/solarsync-p1-meter)

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