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› HomeWizard P1 Meter WiFi Smart Electricity Meter Instruction Manual

HomeWizard HWE-P1-AU

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Model: HWE-P1-AU

1. INTRODUCTION

The HomeWizard P1 Meter is a smart device designed to provide detailed insight into your electricity and gas consumption. By connecting to your smart meter's P1 port, it enables real-time monitoring and analysis of your energy usage directly through the free HomeWizard app. This manual provides essential information for setting up, operating, and maintaining your P1 Meter, ensuring you can effectively manage your home energy consumption.

2. PRODUCT OVERVIEW

The HomeWizard P1 Meter is a compact, white device with a P1 connector cable. It is engineered for ease of use and integration with existing smart meter infrastructure.



Figure 2.1: The HomeWizard P1 Meter, a compact device for energy monitoring.

Key Features:

- **Real-time Energy Monitoring:** Track electricity and gas consumption instantly via the HomeWizard app.

- **Plug-and-Play Installation:** Simple connection to the P1 port of compatible smart meters.
- **Historical Data Access:** View current consumption and detailed historical charts within the app.
- **High Compatibility:** Designed to work with most European smart meters.
- **Designed and Developed in the Netherlands:** Focus on quality, precision, and user-friendliness.

3. SETUP AND INSTALLATION

The HomeWizard P1 Meter is designed for straightforward installation. Follow these steps to get started:

1. **Locate the P1 Port:** Identify the P1 port on your smart electricity meter. This is typically an RJ12 port.
2. **Connect the P1 Meter:** Plug the P1 connector cable from the HomeWizard P1 Meter into the P1 port of your smart meter.

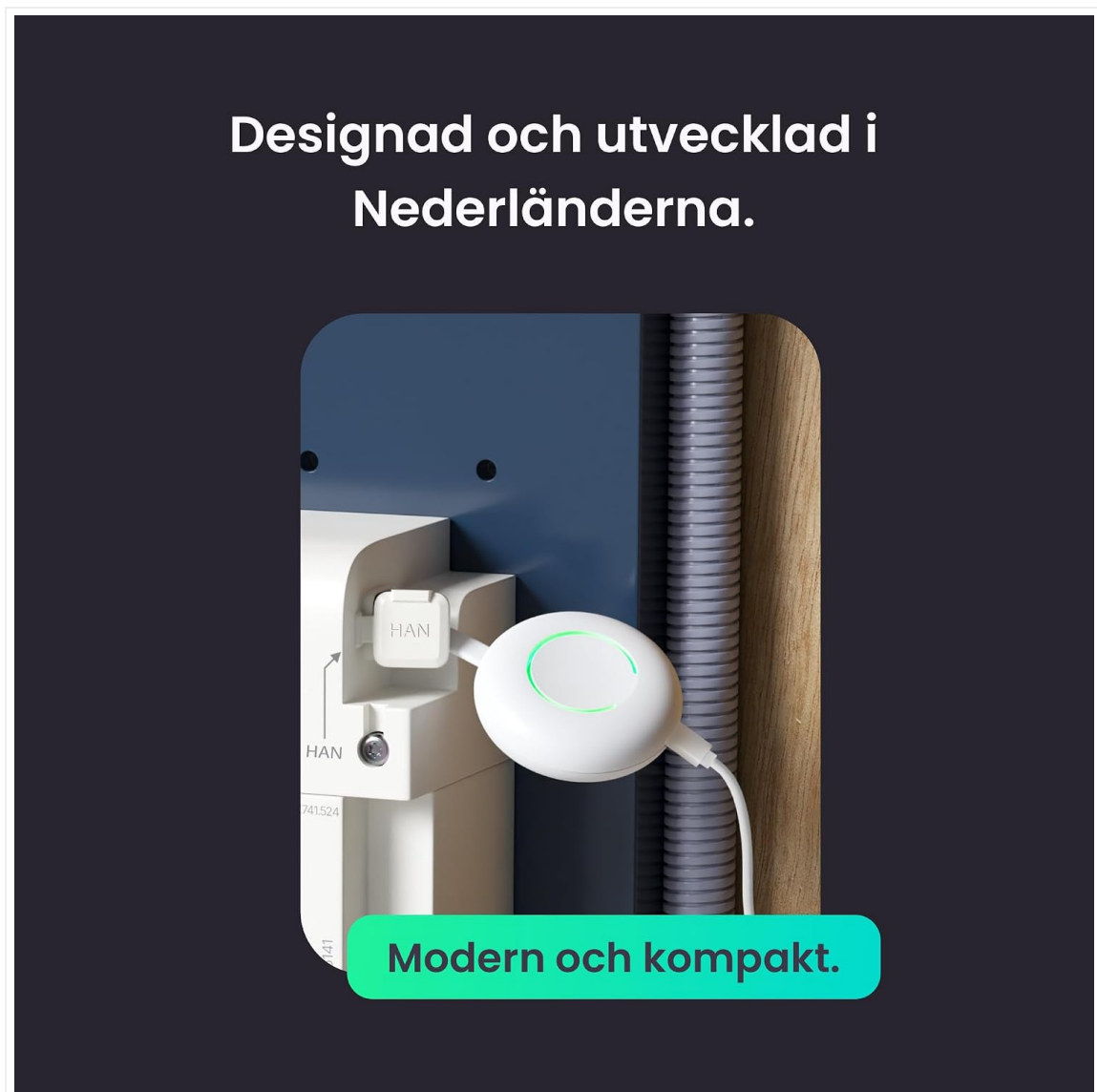


Figure 3.1: The P1 Meter connected to the P1 port of a smart meter.

3. **Provide Power (if necessary):** Some smart meters may not provide sufficient power through the P1 port. In such cases, the P1 Meter requires external power via a USB-C cable and adapter (not included as standard). Connect a USB-C cable to the P1 Meter and plug it into a power source.

Observera: USB-C-adapter krävs oftast

Ingår inte som standard i förpackningen.

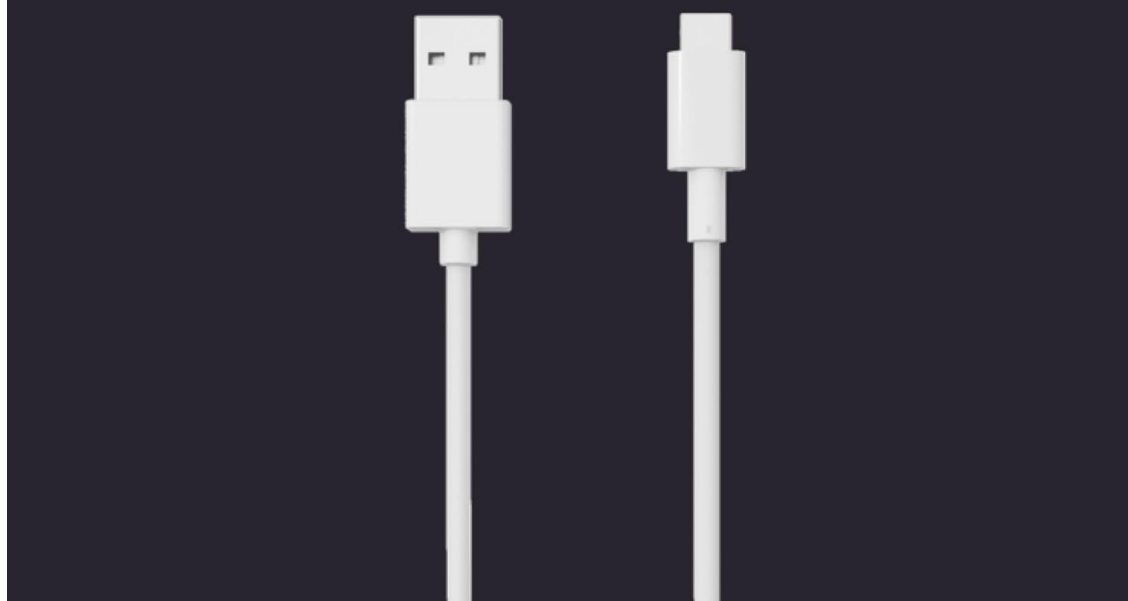


Figure 3.2: A USB-C cable, often required to power the P1 Meter.

4. **Download the HomeWizard App:** Download the free HomeWizard app from your device's app store.
5. **Connect to WiFi:** Follow the in-app instructions to connect your P1 Meter to your home WiFi network.
6. **Activate P1 Port (if required):** In some regions or with certain utility providers, you may need to contact your network operator to activate the P1 port on your smart meter. This might involve providing a PIN or code to enable data output.
7. **Start Measuring:** Once connected and configured, the P1 Meter will begin transmitting energy consumption data to your HomeWizard app.

Using a HAN Converter:

For electricity meters equipped with a HAN port instead of a standard P1 port, a separate HAN converter from HomeWizard is required. This converter adapts the HAN port output to be compatible with the P1 Meter.

Smart mätare med HAN-port? Använd HAN-konverterare.

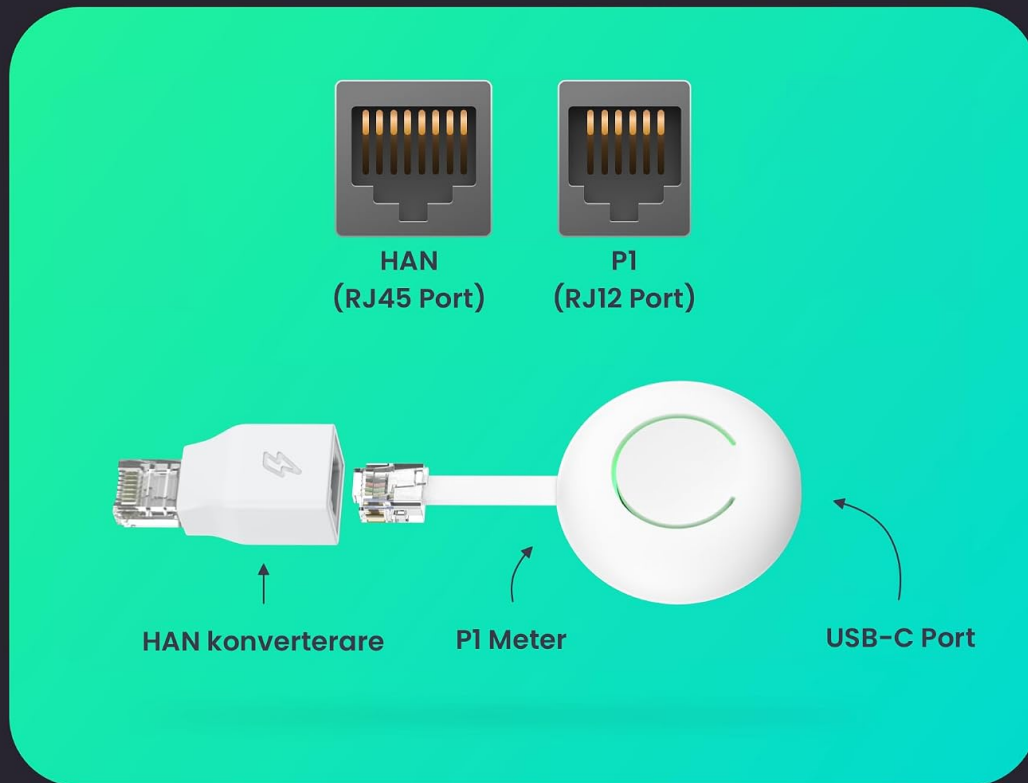


Figure 3.3: Diagram illustrating the connection of a HAN converter to the P1 Meter.

4. OPERATING INSTRUCTIONS

The HomeWizard P1 Meter operates in conjunction with the HomeWizard app, providing a user-friendly interface for energy monitoring.

Using the HomeWizard App:

- **Real-time Data:** Open the HomeWizard app to view your current electricity and gas consumption in real-time. The app displays live power readout and consumption trends.
- **Historical Overview:** Navigate through the app to access detailed historical charts. You can review past consumption data by day, week, month, or year to identify patterns and optimize usage.
- **Energy Control:** Utilize the insights provided by the app to make informed decisions about your energy usage, helping you to control and potentially reduce consumption.

Full koll på energin.

Med bara en app har du kontroll över allt.



Figure 4.1: Screenshot of the HomeWizard app displaying real-time and historical energy consumption data.

5. COMPATIBILITY

The HomeWizard P1 Meter is designed for broad compatibility with smart meters across various regions.

- **Smart Meter Types:** Compatible with most European smart meters that feature a P1 or MBUS output.
- **Regional Compatibility:** The device supports smart meters in countries such as Sweden, Belgium, Denmark, Finland, Ireland, Luxembourg, and Norway.
- **HAN Port:** For meters with a HAN port, a HomeWizard HAN converter is required for proper functionality.



Figure 5.1: Visual representation of countries where the P1 Meter is compatible (green section) and not compatible (red section).

6. MAINTENANCE

The HomeWizard P1 Meter requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Gently wipe the device with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Environment:** Ensure the device is kept in a dry environment, away from extreme temperatures, direct sunlight, and moisture.
- **Firmware Updates:** Periodically check the HomeWizard app for available firmware updates to ensure your device has the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your HomeWizard P1 Meter, refer to the following common troubleshooting steps:

- **No Data in App:**

- Ensure the P1 Meter is securely connected to your smart meter's P1 port.
 - Verify that the P1 Meter is receiving adequate power. If your smart meter does not supply power, connect a USB-C cable to an external power source.
 - Confirm that your smart meter's P1 port is activated. You may need to contact your energy provider to enable data output from the port. This often requires a specific PIN or activation code.
 - Check your WiFi connection. Ensure the P1 Meter is connected to a stable internet network.
- **Software Update Failure:**
 - Ensure a stable internet connection during the update process.
 - Restart the HomeWizard app and attempt the update again.
 - If issues persist, consult the HomeWizard support website for specific instructions or contact their customer service.
 - **Device Not Fitting:**
 - While designed to be compact, ensure there is sufficient space around your smart meter's P1 port for the device.

For further assistance, please refer to the official HomeWizard support resources.

8. SPECIFICATIONS

Manufacturer	HomeWizard
Model Number	HWE-P1-AU
Product Dimensions	8.8 x 4.6 x 1.5 cm
Weight	19 g
Colour	White
Material	Plastic
Voltage	5 Volts
Wattage	2 watts
Included Components	HomeWizard P1 Gauge, Quick Start Guide

9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official HomeWizard website. For technical support, frequently asked questions, or to report an issue, please contact HomeWizard customer service through their official channels.

HomeWizard Official Website: www.homewizard.com