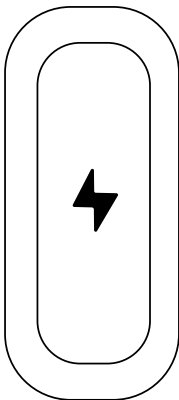




**BITVIS**  
SMARTER INFRASTRUCTURE



Manual (EN)  
**Power Hub P1/HAN/RJ12**

October 2023

## **1. Introduction**

Welcome to the user manual for your Power Hub.

Before using the product, it's important to read and follow all instructions and safety precautions in this manual.

## **2. Features and Specifications**

This product is designed to read data from your electricity meter in real time. It is intended to connect to – and be powered by – the RJ12-type HAN port of your electricity meter.

The software is designed to read and interpret data according to the P1 Companion Standard, version 5.0.2 (IEC62056-21).

If additional power supply is required, the product includes a USB-C port. This USB-C port is for power only, not data transfer.

Contact your electricity supplier's customer service for help connecting the USB-C cable. Note: the product is not waterproof and has an IP20 enclosure rating.

Parameter	Value
Product name	Power Hub
Product type	HAN port reader
WiFi	2.4 GHz only
Supply voltage	5VDC
Power consumption	Max 250 mA (normal operation)
Connection	RJ12, USB-C
Enclosure rating	IP20
Weight	29 g
Dimensions (LxWxH)	80x35x24 mm

### 3. Installation

Follow the instructions inside the lid to get started with your Power Hub. You will be guided through the installation steps in your energy app, where you will also connect your Power Hub to your electricity meter and your Wi-Fi network.

## 4. Troubleshooting

Symptom	Possible Cause	Solution
Power Hub won't start	HAN port inactive	Contact your grid company to activate it
Power Hub restarts continuously	Insufficient power supply	Contact customer service for USB-C help
Power Hub reports data intermittently	Poor signal strength	Improve Wi-Fi signal near the Power Hub

*For more troubleshooting tips, refer to your energy app.*

## 5. Safety Instructions and Warnings

- Use the product only as intended and according to this manual.
- Use only accessories and cables recommended by the manufacturer.
- Do not place the product in environments exposed to rain, snow, or high humidity. It is designed for dry environments only.
- Keep the product away from heat sources and electronic devices that may interfere with its function.
- Do not pull the cable to disconnect the product from the meter. Pull the connector instead.
- Do not allow children or individuals with limited ability to use the product without supervision.
- If the product is damaged or malfunctions, disconnect it from the meter and contact customer service.



## 6. EU Declaration of Conformity

This product is manufactured by Bitvis AB and complies with the following directives:

2014/35/EU, 2014/30/EU, and 2014/53/EU.

## 7. Waste Sorting

### 7.1 Electronic Components

Do not throw this product in regular household waste.

Make sure it is sorted as electronic waste. Proper disposal helps prevent environmental and health hazards.

### 7.2 Packaging Waste

The packaging is eco-labeled. Recycle it as paper packaging.



# Power Hub



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