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EMOS P5821

EMOS P5821 Energy Cost Meter User Manual

Model: P5821 (FHT 9999)

INTRODUCTION

The EMOS P5821 Energy Cost Meter is designed to provide a clear overview of your electricity consumption. This practical device allows you to monitor the power usage of your household appliances, helping you understand and manage your energy costs effectively. It measures power (W), energy consumption (kWh), voltage, amperage, and calculates costs.

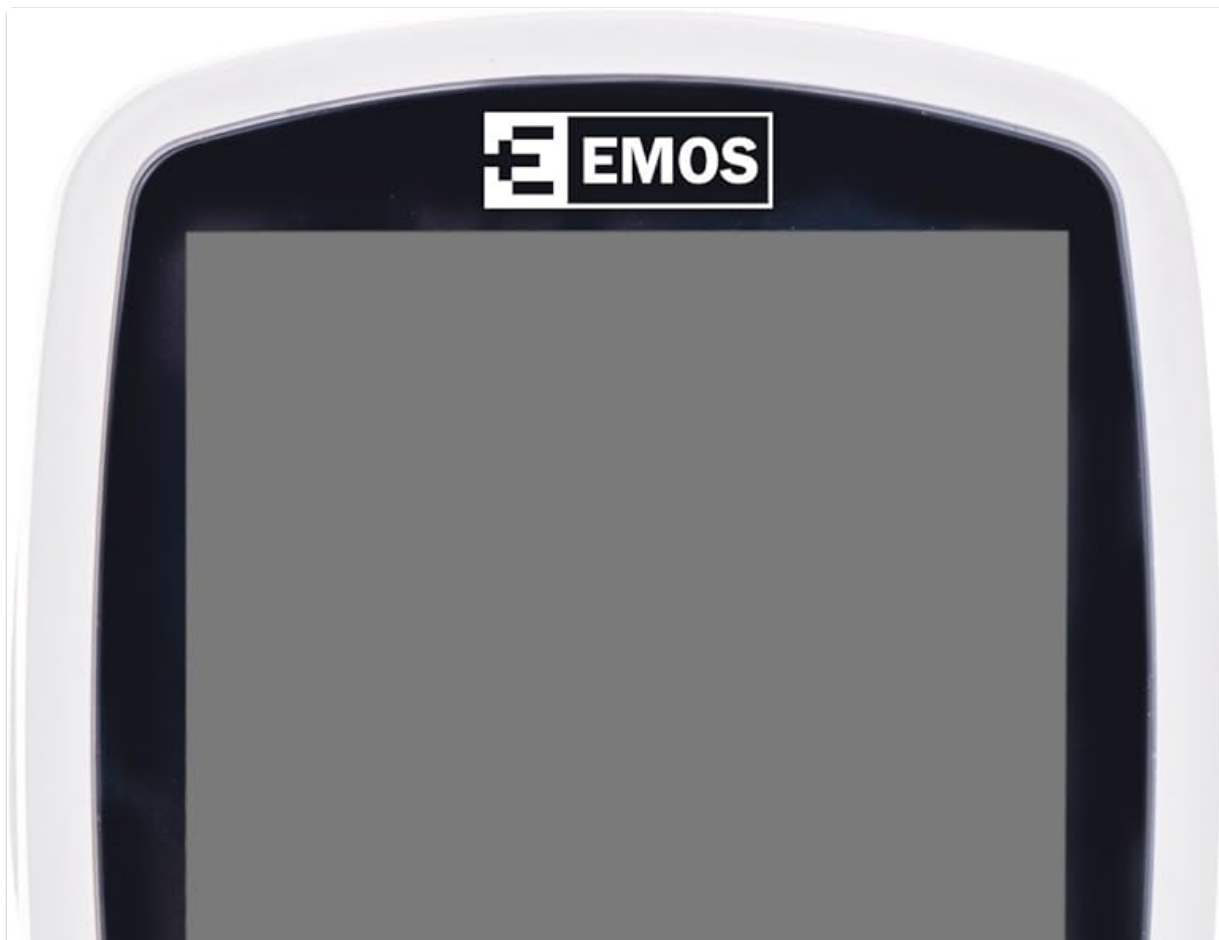




Image: Front view of the EMOS P5821 Energy Cost Meter, showing the LCD display, control buttons (HISTORY, ENERGY/+, COST/-, SET/OK, RESET), and the integrated power socket.

Safety Information

- Ensure the device is connected to a properly grounded power outlet.
- Do not exceed the maximum load capacity of 3680 W.
- Keep out of reach of children. The device features child protection/safety.
- Do not disassemble or attempt to repair the device yourself. Contact qualified personnel for service.
- Avoid exposure to moisture or extreme temperatures.

Product Features

- **Comprehensive Measurement:** Measures power (W), energy consumption (kWh), voltage, amperage, and calculates electricity costs.
- **Wide Measurement Range:** Power measurement from 2 W to 3680 W, energy measurement from 0 kWh to 999 kWh.
- **LCD Display:** Clear display for easy reading of measurements.
- **Overload Protection:** Integrated LED indicator for overload situations, enhancing safety.
- **Battery Backup:** Includes 2x 1.5 V (LR44/AG13) batteries to retain data during power outages.
- **Child Safety:** Equipped with child protection features.

PACKAGE CONTENTS

Upon unpacking, please ensure all items are present and undamaged:

- 1 x EMOS P5821 Energy Cost Meter (Wattmeter)





Image: The EMOS P5821 Energy Cost Meter shown within its retail packaging, displaying product information and model number P5821.

SETUP

1. **Initial Power-Up:** Plug the EMOS P5821 Energy Cost Meter into a standard wall socket. The LCD display should illuminate.
2. **Battery Installation (if not pre-installed):** The device uses 2x 1.5V (LR44/AG13) batteries for data backup. Locate the battery compartment, typically on the back, and insert the batteries with correct polarity.
3. **Connect Appliance:** Plug the appliance you wish to monitor into the socket on the front of the EMOS P5821 meter.





Image: Angled view of the EMOS P5821 Energy Cost Meter, highlighting the LCD screen and the blue control buttons for various functions.

OPERATING INSTRUCTIONS

Once an appliance is connected and powered on, the meter will begin measuring its electricity consumption. Use the buttons to navigate through different display modes and settings.

Button Functions:

- **HISTORY:** Press to view historical data or switch between different time-based measurements (e.g., daily, weekly, total).
- **ENERGY/+:** Cycles through various energy-related displays such as current power (W), voltage (V),

amperage (A), and total energy consumption (kWh). Also used to increase values during setting.

- **COST/-**: Displays the calculated cost of electricity consumed. Can also be used to decrease values during setting.
- **SET/OK**: Enters setting mode (e.g., to set electricity tariff) or confirms a selection.
- **RESET**: Resets all accumulated data and settings to default. Use with caution.

To set the electricity tariff for cost calculation, press the **SET/OK** button and use **ENERGY/+** and **COST/-** to adjust the price per kWh, then press **SET/OK** again to confirm.

MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the ventilation slots (if any) are not blocked.
- Replace the backup batteries (LR44/AG13) periodically, or if the display shows signs of fading when unplugged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank.	No power from wall socket or backup batteries are depleted.	Check wall socket. Replace LR44/AG13 backup batteries.
No readings for connected appliance.	Appliance not powered on, or not drawing sufficient power (below 2W).	Ensure appliance is switched on. The meter has a minimum measurement threshold of 2W.
Overload indicator (LED) is on.	Connected appliance exceeds the maximum load of 3680 W.	Unplug the appliance immediately. Do not connect appliances exceeding 3680 W.
Incorrect cost calculation.	Electricity tariff not set correctly.	Enter setting mode (SET/OK) and adjust the price per kWh to your local tariff.

SPECIFICATIONS

- **Brand**: EMOS
- **Model Number**: P5821 (FHT 9999)
- **Part Number**: FHT 9999
- **Product Dimensions**: 7 x 9 x 18.5 cm
- **Weight**: 10 g
- **Power Source**: Mains powered, with battery backup
- **Battery Backup**: 2x 1.5 V (LR44/AG13) batteries (not included by default, check packaging)
- **Measurement Range (Power)**: 2 W - 3680 W
- **Measurement Range (Energy)**: 0 kWh - 999 kWh
- **Overload Protection**: Yes

- **Child Safety:** Yes
- **ASIN:** B014WKT7RA
- **First Available Date:** January 15, 2020







Image: Left: Side profile of the EMOS P5821 Energy Cost Meter, illustrating its compact design. Right: Rear view of the meter, showing the battery compartment cover and the plug.

WARRANTY AND SUPPORT


For warranty information, technical support, or service inquiries, please refer to the official EMOS website or contact your local retailer. Keep your purchase receipt as proof of purchase.

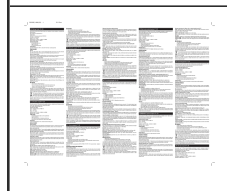
Manufacturer: EMOS

Website: www.emos.eu

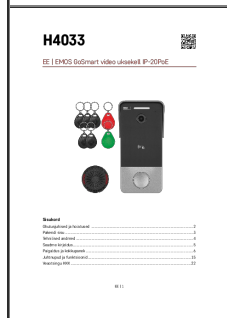
UPC: [8595025366986](https://www.upc.com/8595025366986)

Related Documents - P5821

 <p>The image shows the front cover of the EMOS P5805 Digital Power Meter User Manual. The cover is white with a black header containing the model number 'P5805' and a list of features: 'Digital Power Meter', 'Digital LCD display', 'Energy consumption', 'Tariff configuration', 'Overload protection', 'CO2 settings', 'Consumption graphs', 'Data management', 'Battery replacement', and 'Essential safety warnings'. The CE mark and the website 'www.emos.eu' are visible at the bottom.</p>	<p>EMOS P5805 Digital Power Meter User Manual</p> <p>Comprehensive user manual for the EMOS P5805 Digital Power Meter, covering device description, technical specifications, connection instructions, display settings, tariff configuration, overload protection, CO2 settings, consumption graphs, data management, battery replacement, and essential safety warnings.</p>
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Comprehensive user manual for the EMOS P56400S Carbon Monoxide (CO) Detector. Learn about safety instructions, technical specifications, installation, operation, mobile app integration with EMOS GoSmart, and troubleshooting.



Comprehensive user manual for the EMOS PW56202 Watering Timer. Learn about setup, app control via EMOS GoSmart, features, and troubleshooting for efficient garden irrigation.

Ovaj dokument pruža detaljne upute za uporabu, sigurnosne smjernice, tehničke specifikacije i postupke instalacije za EMOS GoSmart video zvono za vrata IP-20PoE.