

Aqara WP-P01D

Aqara Wall Outlet H2 EU Instruction Manual

MODEL: WP-P01D

Brand: Aqara

1. INTRODUCTION

The Aqara Wall Outlet H2 EU is a smart wall outlet designed to control appliances up to 16 amperes and monitor their energy consumption. It integrates the power status of connected devices into smart home automations and supports Matter over Bridge for local access via third-party applications. This manual provides essential information for the safe and efficient use of your Aqara Wall Outlet H2 EU.



Image 1.1: Aqara Wall Outlet H2 EU and its packaging.

2. KEY FEATURES

- **HomeKit and Matter Support:** Seamless integration with major smart home platforms (requires Aqara Zigbee 3.0 hub).
- **Versatile Control Options:** Control devices via physical button, remote application, or voice assistants.
- **Energy Consumption Monitoring:** Real-time tracking of power usage for connected appliances.
- **Power Automations:** Create smart routines based on energy consumption patterns.
- **Customizable Electrical Protection:** Advanced safety features including over-current, overheating, and overcharge prevention.
- **55 mm Wall Plate Compatibility:** Designed to fit standard European 55 mm wall plates.

3. SETUP AND INSTALLATION

A compatible Aqara Zigbee 3.0 hub (excluding Camera Hub G2H) is required for full functionality and Matter-over-bridge support. Ensure the hub is set up and connected to your network before installing the wall outlet.

The Wall Outlet H2 EU is designed for installation in standard 55 mm wall plates. It comes with one 55x55 mm wall plate and is compatible with other common 55x55 mm wall plates from brands like Schneider Merten System M and Atlas Design. Installation involves connecting the wires via screw terminals. Consult a qualified electrician if you are unsure about electrical wiring procedures.

55 mm Wall Plates Compatibility

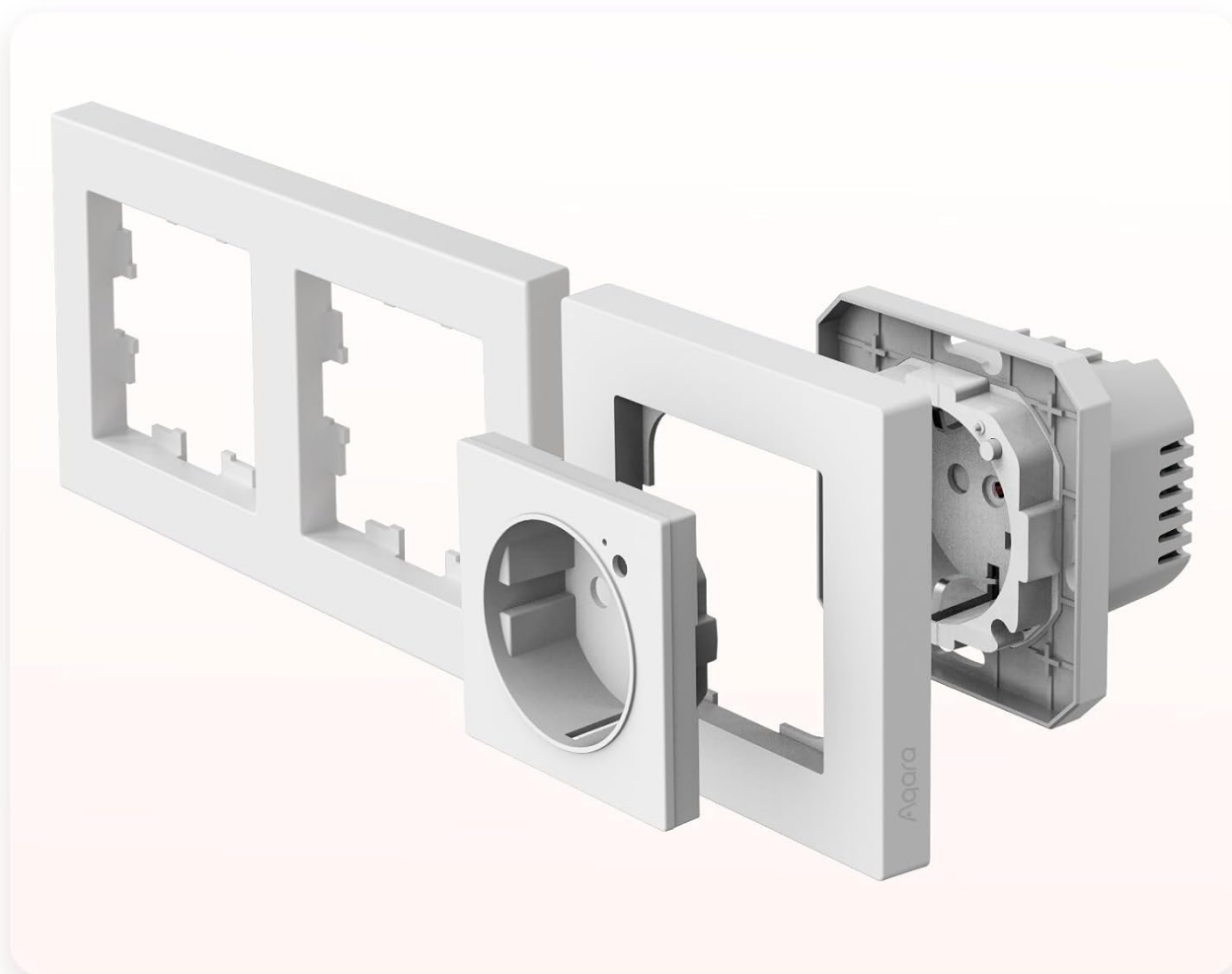


Image 3.1: Compatibility with 55 mm wall plate frames.

Zigbee 3.0 with Matter Support



*To access Matter, you must have a Matter-compatible Aqara hub.

Image 3.2: Zigbee 3.0 and Matter support with smart home ecosystems.

4. OPERATING INSTRUCTIONS

The Aqara Wall Outlet H2 EU offers multiple control methods:

- **Physical Button:** Press the button on the outlet to manually turn connected devices on or off.
- **Aqara Home App:** Use the Aqara Home application on your smartphone to remotely control the outlet, set schedules, and configure automations.
- **Voice Control:** Integrate with Apple HomeKit, Google Home, or Alexa for hands-free control using voice commands.

Energy Monitoring: The Aqara Home app provides real-time energy consumption data, allowing you to track usage and create energy-saving automations.

Power Automations: Configure the outlet to react to power consumption changes, such as turning off a device when its power draw drops below a certain threshold (e.g., 0-2W for over 30 minutes to prevent overcharging).

Consumption Monitoring and Power Automations

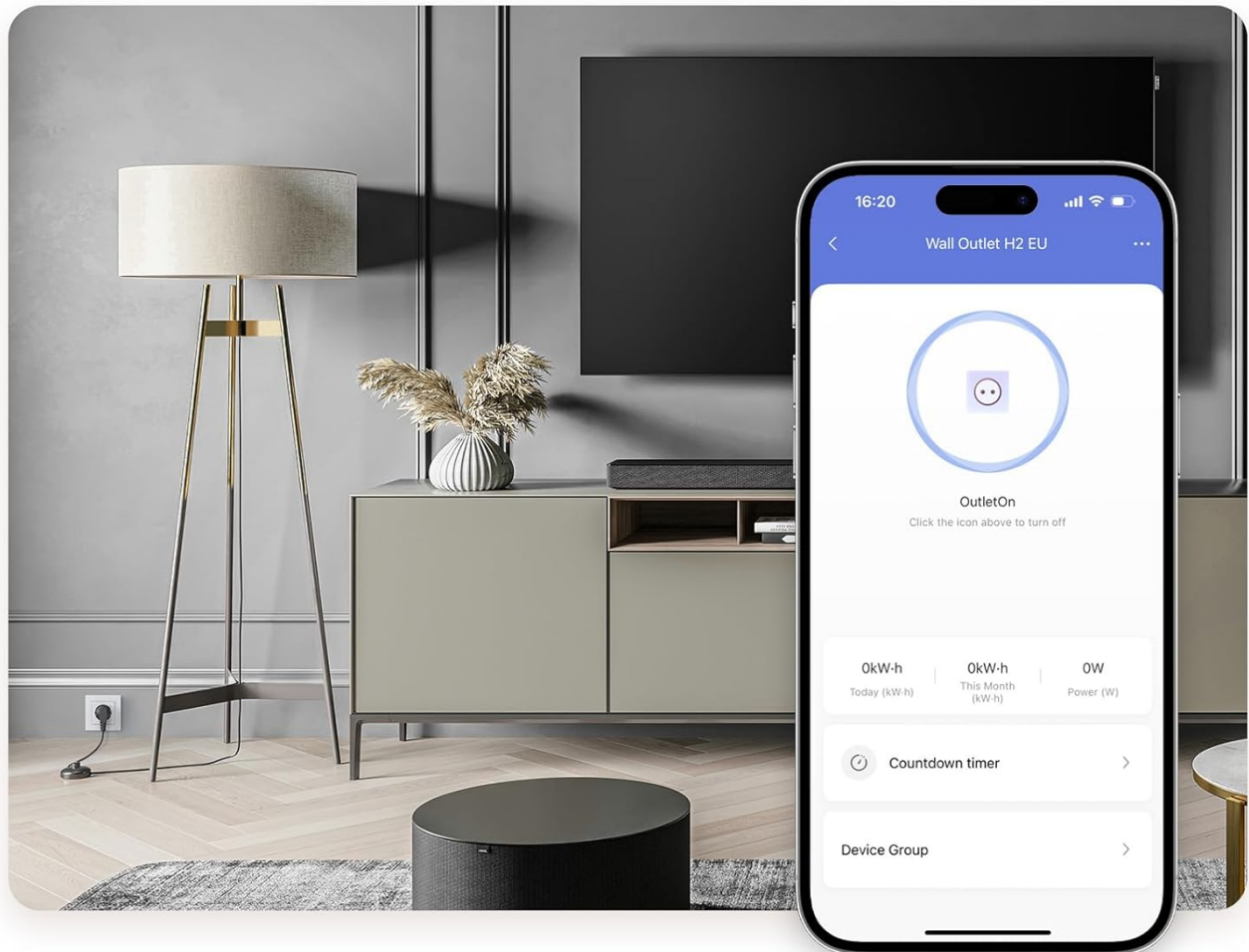


Image 4.1: Energy consumption monitoring in the Aqara Home app.

Customized Configurations for Power



Image 4.2: Examples of customized power configurations.

5. SAFETY INFORMATION

The Wall Outlet H2 EU includes advanced safety features to protect your appliances and home:

- **Over-current Protection:** Automatically cuts power if consumption exceeds defined limits (configurable from 100-3840 W).
- **Overheating Protection:** Shuts off power in case of overheating.
- **Overcharge Prevention:** Prevents overcharging by cutting power when consumption falls below a configurable threshold (0-2 W) for more than 30 minutes, ideal for overnight charging.

Power-off Memory: The outlet retains its last state after a power outage, ensuring consistent operation.

Power-off Memory

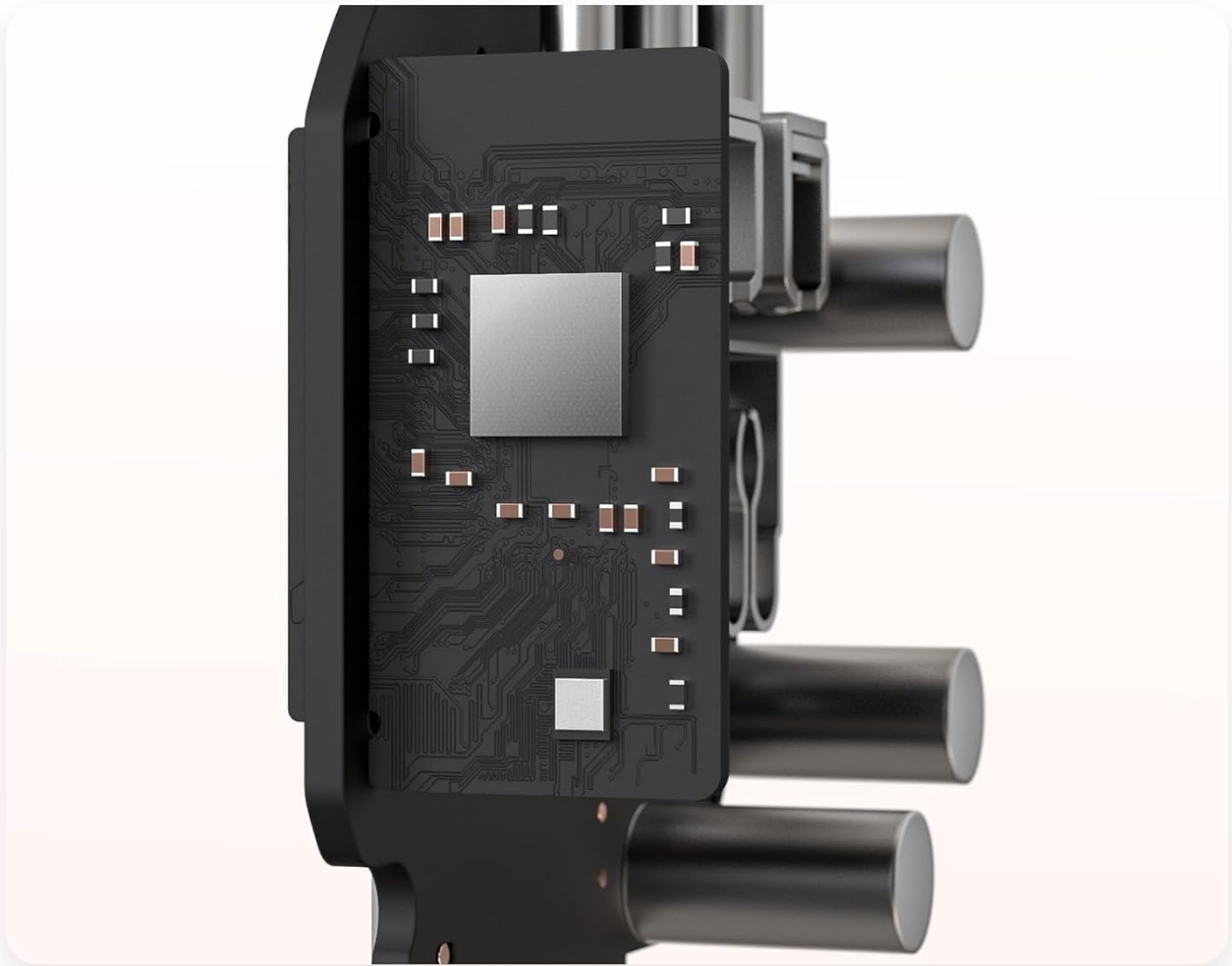


Image 5.1: Internal view highlighting power-off memory.

6. MAINTENANCE

Regularly inspect the outlet for any signs of damage or wear. Ensure the area around the outlet is clean and free from obstructions. Do not attempt to repair the device yourself; contact qualified personnel for service. Disconnect power before cleaning the device. Use a dry, soft cloth for cleaning.

7. TROUBLESHOOTING

- **Device not responding:** Check if the Aqara Zigbee hub is online and within range. Ensure the outlet has power. Try re-pairing the device with the hub according to the Aqara Home app instructions.
- **Energy monitoring inaccurate:** Verify that the connected appliance is within the supported power range (up to 16A, 3680W). Ensure the outlet firmware is up to date via the Aqara Home app.

- **Voice control not working:** Confirm integration with your chosen smart home platform (HomeKit, Google Home, Alexa) is correctly configured. Check network connectivity for both the hub and your voice assistant device.
- **Outlet not fitting wall plate:** Ensure you are using a standard 55 mm wall plate. If issues persist, consult the installation guide or a professional.

8. SPECIFICATIONS

Model Number	WP-P01D
Brand	Aqara
Color	White
Product Dimensions (L x W x H)	8.6 x 8.6 x 0.1 cm
Weight	150 grams
Voltage	250 Volts
Amperage	16 A
Power	3680 Watts
Connector Type	Schuko (Type E/F)
Compliant Specifications	Zigbee 3.0, Matter
Compatible Devices	All devices within specified power limits
Manufacturer	Lumi United Technology Co., Ltd

9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, and customer service, please refer to the official Aqara website or contact Aqara customer support directly. It is recommended to keep your purchase receipt for any warranty claims.

Related Documents - WP-P01D

Aqara	Aqara Wall Outlet H2 EU: Smart Zigbee Wall Socket with Remote Control and Power Metering Discover the Aqara Wall Outlet H2 EU, a smart Zigbee 3.0 compatible wall socket offering remote control, timing, power metering, and integration with platforms like Apple Home and Google Assistant. Easy installation and setup.
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