eMylo YSI115D5

eMylo WiFi Smart Energy Meter User Manual

Model: YSI115D5

1. Introduction

The eMylo WiFi Smart Energy Meter (Model YSI115D5) is a single-phase, 60A, 90-250V device designed for 35mm DIN rail mounting. It provides accurate, real-time monitoring of electricity consumption, allowing users to track voltage, current, power, and total kWh. This smart meter integrates with your home's Wi-Fi network, enabling remote control, voice commands via smart assistants, and programmable timer functions for efficient energy management.

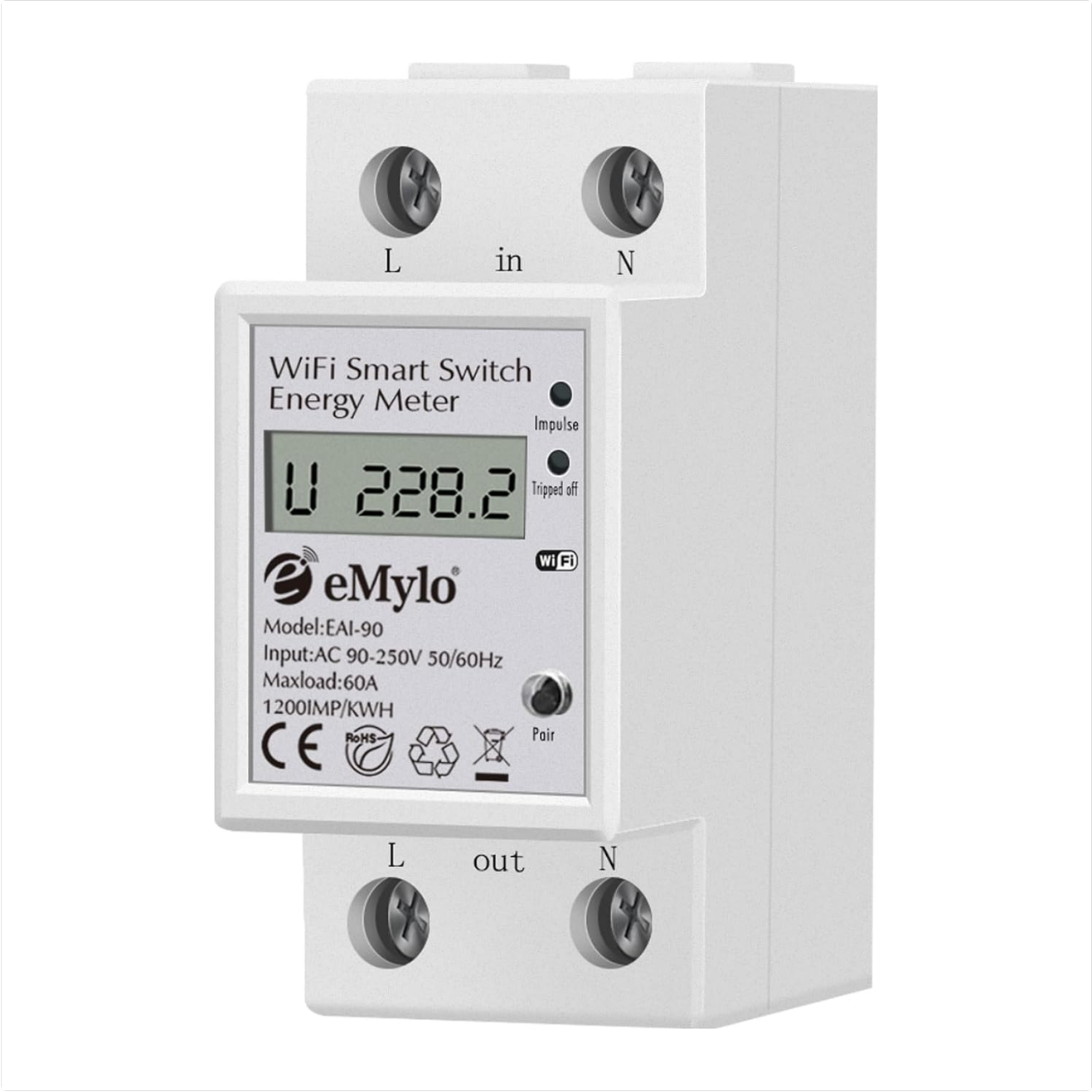

Image 1.1: eMylo WiFi Smart Energy Meter showing its LCD display and connection terminals.

2. Important Safety Information

WARNING: Electrical installation should only be performed by a qualified electrician or a knowledgeable professional. Incorrect installation can lead to electric shock, fire, or damage to the device and property. Always disconnect power at the main circuit breaker before installation, maintenance, or any wiring work.

- Ensure the power supply is completely off before handling the device.
- Verify that the voltage and current ratings of your electrical system are compatible with the meter's specifications (AC 90-250V, Max 60A).
- Do not operate the device in wet or damp conditions.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Keep children away from electrical installations.

3. Product Specifications

Model Number	YSI115D5
Brand	eMylo
Input Voltage	AC 90-250V
Max Load Current	60A
Frequency	50/60Hz
Measurement Type	Amperemeter, Voltmeter, Power Meter, kWh Meter
Accuracy	Error rate below 0.3%
Dimensions (L x W x H)	6.8 x 3.8 x 8 cm
Weight	150 g
Mounting	35mm DIN Rail
Connectivity	Wi-Fi (2.4GHz)
Compatible Devices	Smartphones, Amazon Echo, Google Home

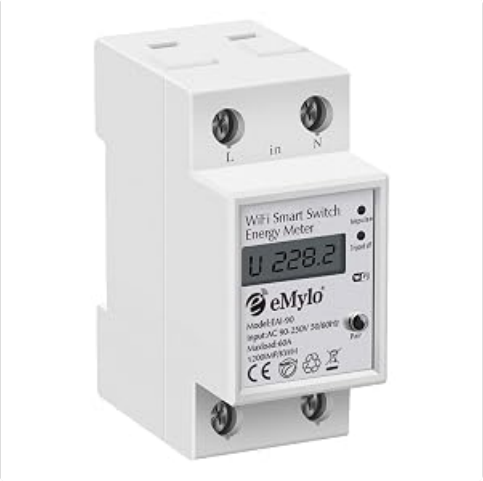

Image 3.1: Detailed technical parameters of the eMylo Smart Energy Meter.

4. Installation Guide

The eMylo WiFi Smart Energy Meter is designed for installation on a standard 35mm DIN rail within your electrical panel. Due to the nature of electrical work, it is highly recommended that installation be carried out by a certified electrician to ensure safety and compliance with local regulations.

4.1 Pre-Installation Checklist

- Ensure the main power supply to your electrical panel is switched off.
- Confirm the meter's specifications (AC 90-250V, Max 60A) match your electrical system.
- Gather necessary tools: screwdriver, wire strippers, voltage tester.

4.2 Wiring Diagram

Connect the live (L) and neutral (N) wires according to the markings on the device. The "IN" terminals are for the incoming power supply, and the "OUT" terminals are for the load. Ensure all connections are secure.

Image 4.1: Close-up of the eMylo meter showing input (L, N) and output terminals.

4.3 Mounting

- Attach the meter securely to a 35mm DIN rail.
- Ensure proper ventilation around the device.

After installation, restore power and proceed to the setup section.

5. Initial Setup and App Pairing

To utilize the smart features of your eMylo energy meter, you need to connect it to your Wi-Fi network and pair it with the Smart Life or Tuya Smart app.

5.1 App Download and Account Creation

- Download the "Smart Life" or "Tuya Smart" app from your smartphone's app store (iOS or Android).
- Register for a new account or log in if you already have one.

5.2 Wi-Fi Connection and Device Pairing

- Ensure your smartphone is connected to a **2.4GHz Wi-Fi network**. The meter does not support 5GHz networks.
- Power on the eMylo Smart Energy Meter. The Wi-Fi indicator light on the meter should start blinking rapidly. If not, press and hold the "Pair" button for 5-10 seconds until it blinks rapidly.
- Open the Smart Life/Tuya Smart app, tap the "+" icon (usually in the top right corner) to add a device.
- Select "Electrical Engineering" or "Energy Meter" from the device list.
- Follow the on-screen instructions in the app to connect the meter to your Wi-Fi network. You may need to enter your Wi-Fi password.
- **Important Note:** Some users have reported that pressing the "Pair" button or during the pairing process, the device may temporarily cut the output power. If your Wi-Fi router is powered through the circuit monitored by this meter, it may lose connection.
    - **Workaround 1:** Perform the pairing process before installing the meter in the main electrical panel, using a temporary power source for the meter.
    - **Workaround 2:** Use a mobile hotspot from another phone to provide Wi-Fi during the initial pairing, then switch the meter to your home Wi-Fi via the app settings once connected.

- Once successfully paired, the Wi-Fi indicator light will become solid, and the device will appear in your app.

6. Operating Instructions

The eMylo Smart Energy Meter offers various functions accessible via its LCD display and the connected smartphone app.

6.1 Real-time Monitoring

- **LCD Display:** The meter's built-in LCD screen displays real-time voltage (V), current (A), and active power (kW).
- **Smartphone App:** Open the Smart Life/Tuya Smart app to view detailed real-time data including voltage, current, active power, and total energy consumption (kWh). The app also provides daily, monthly, and yearly consumption statistics.

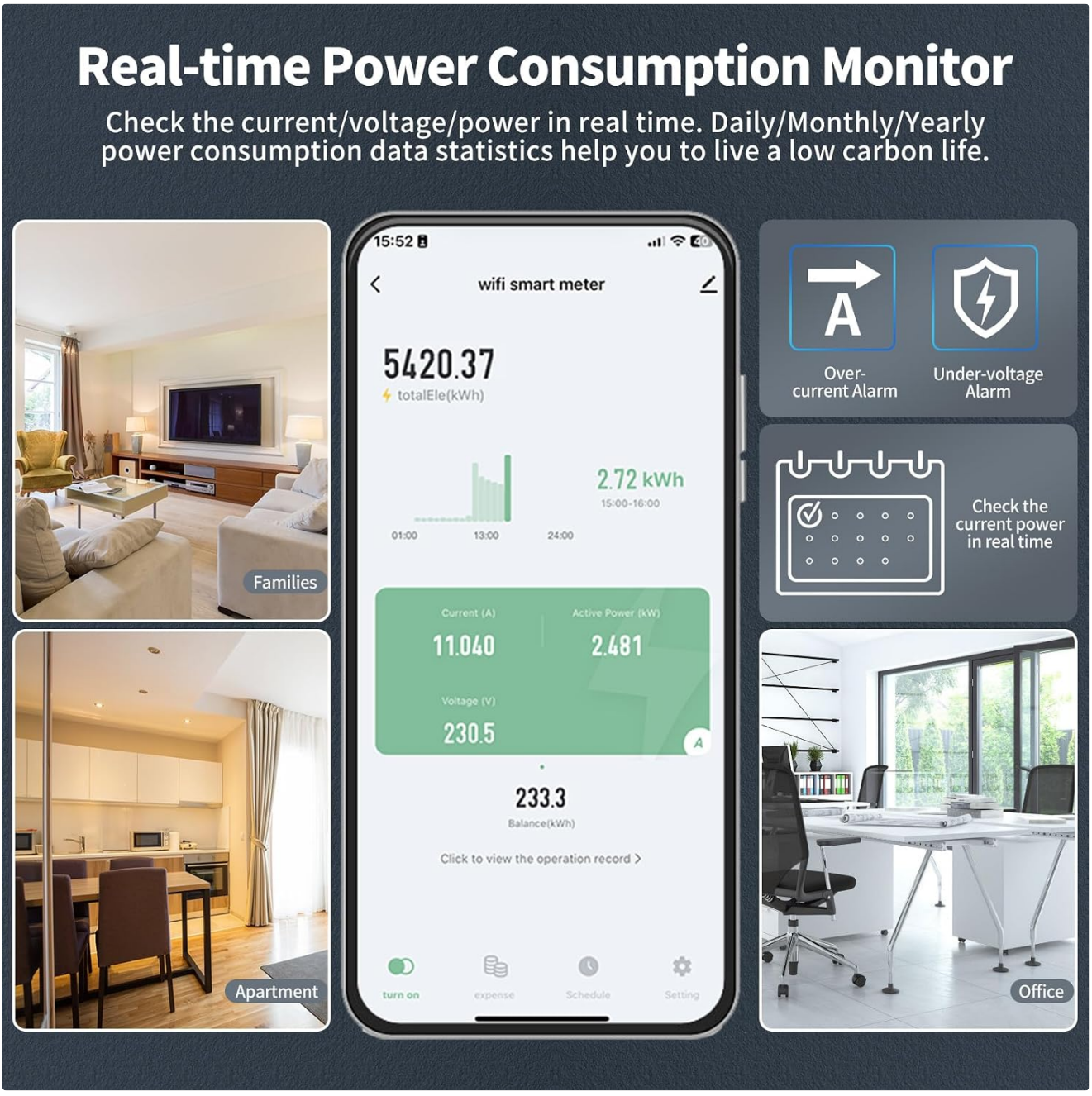

Image 6.1: App interface showing real-time current, voltage, and power consumption data.

6.2 Remote Control

You can remotely turn the power supply on or off through the app from anywhere with an internet connection.

- In the app, navigate to the device control interface.
- Tap the "On/Off" switch icon to toggle the power supply.

6.3 Voice Control

The eMylo Smart Energy Meter is compatible with Amazon Alexa and Google Home. Link your Smart Life/Tuya Smart account to your smart assistant app to enable voice commands.

- **Example Commands:**
  - "Alexa, turn on [Device Name]"
  - "Hey Google, turn off [Device Name]"

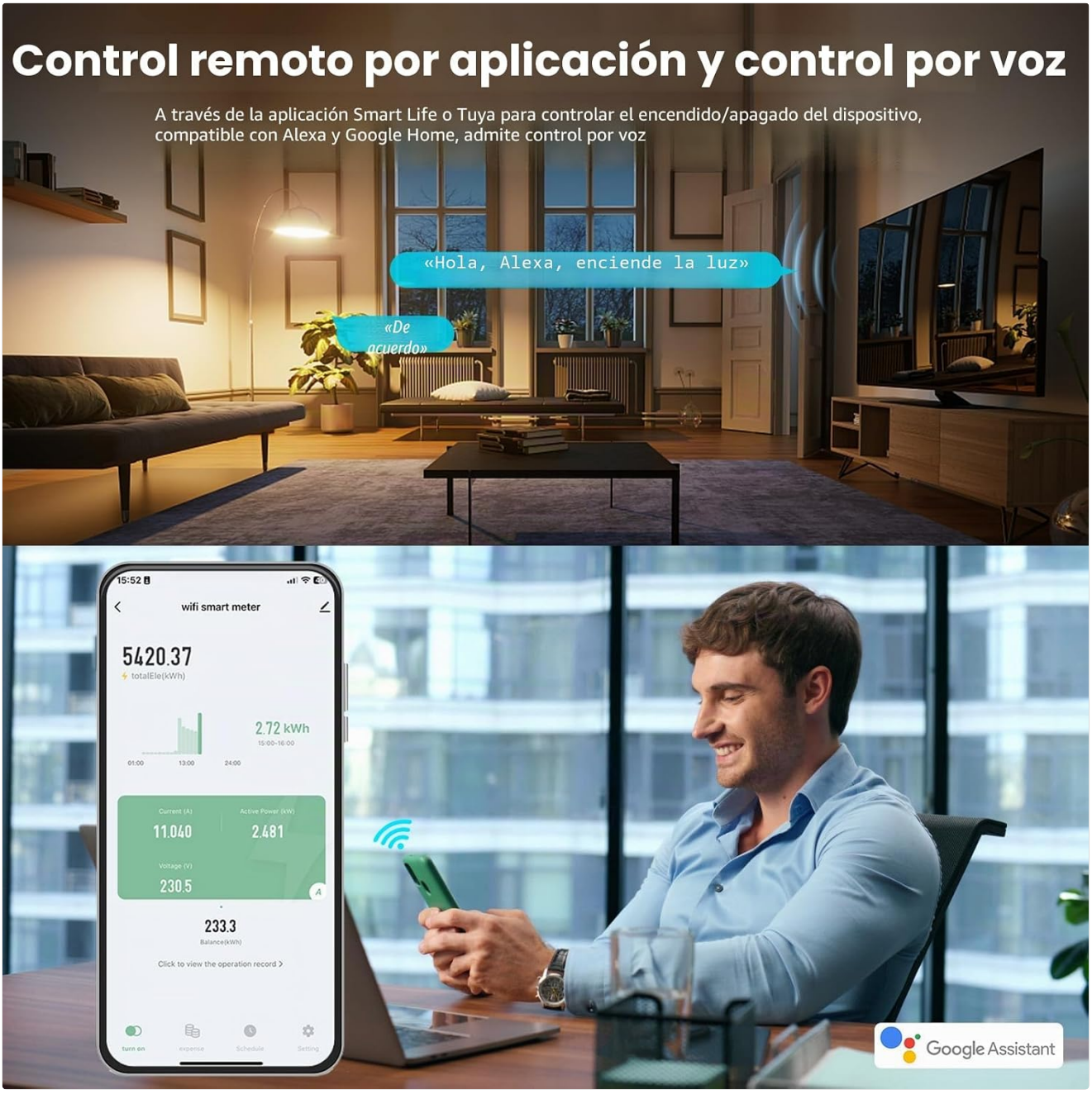

Image 6.2: Illustration of voice control functionality with smart assistants.

6.4 Timer Function

Set schedules for the meter to automatically turn on or off at specific times.

- In the app, go to the device settings and find the "Timer" or "Schedule" option.
- Create new schedules by setting desired on/off times and days of the week.

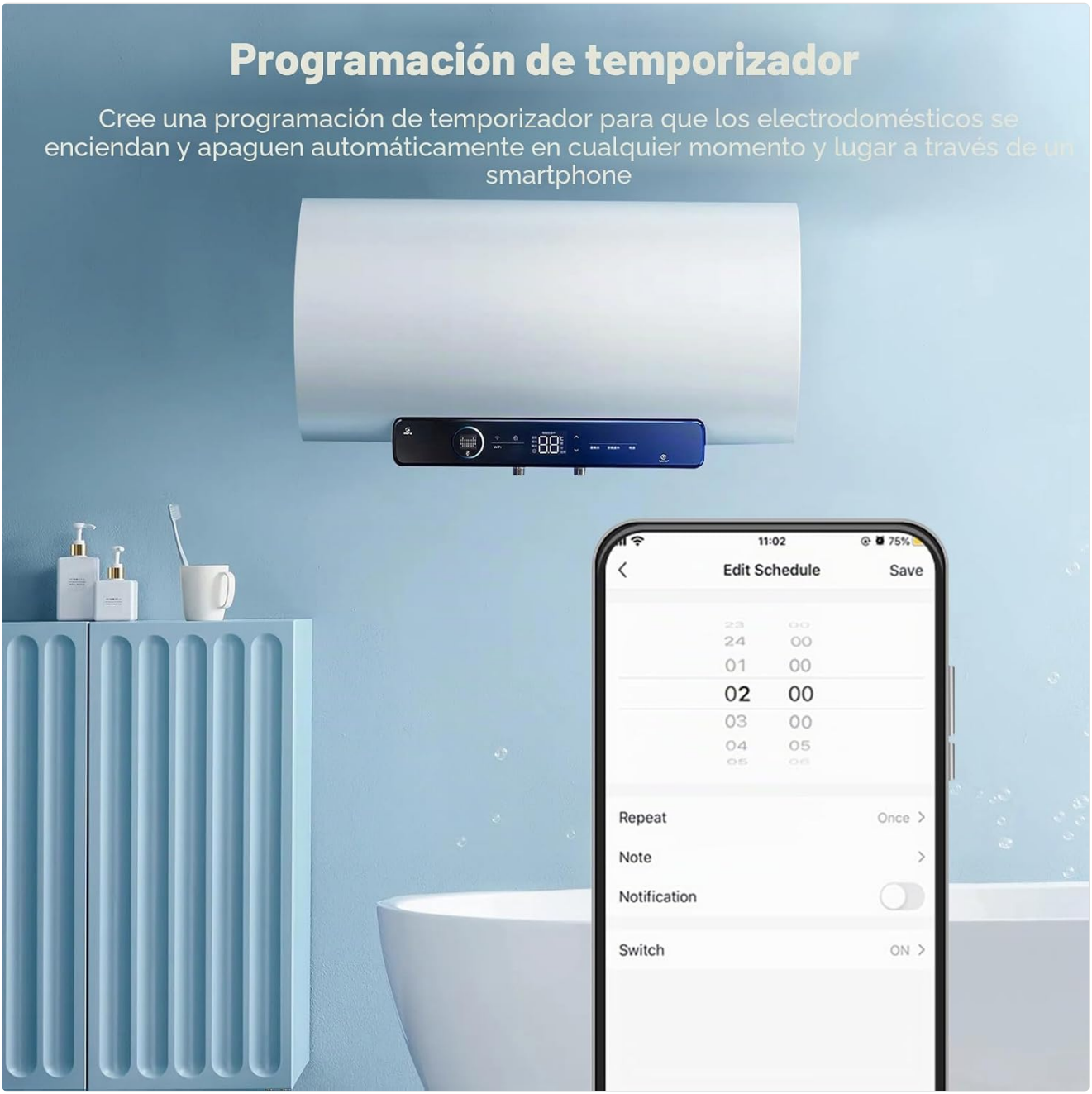

Image 6.3: App interface for setting up timer schedules.

6.5 Alarm Notifications

Configure custom thresholds for over-current, over-voltage, and under-voltage in the app. The app will send notifications if these thresholds are exceeded.

- Access "Settings" within the device interface in the app.
- Configure "Over-current alarm," "Over-voltage alarm," and "Under-voltage alarm" thresholds.
- Review "Alarm Record" for past events.

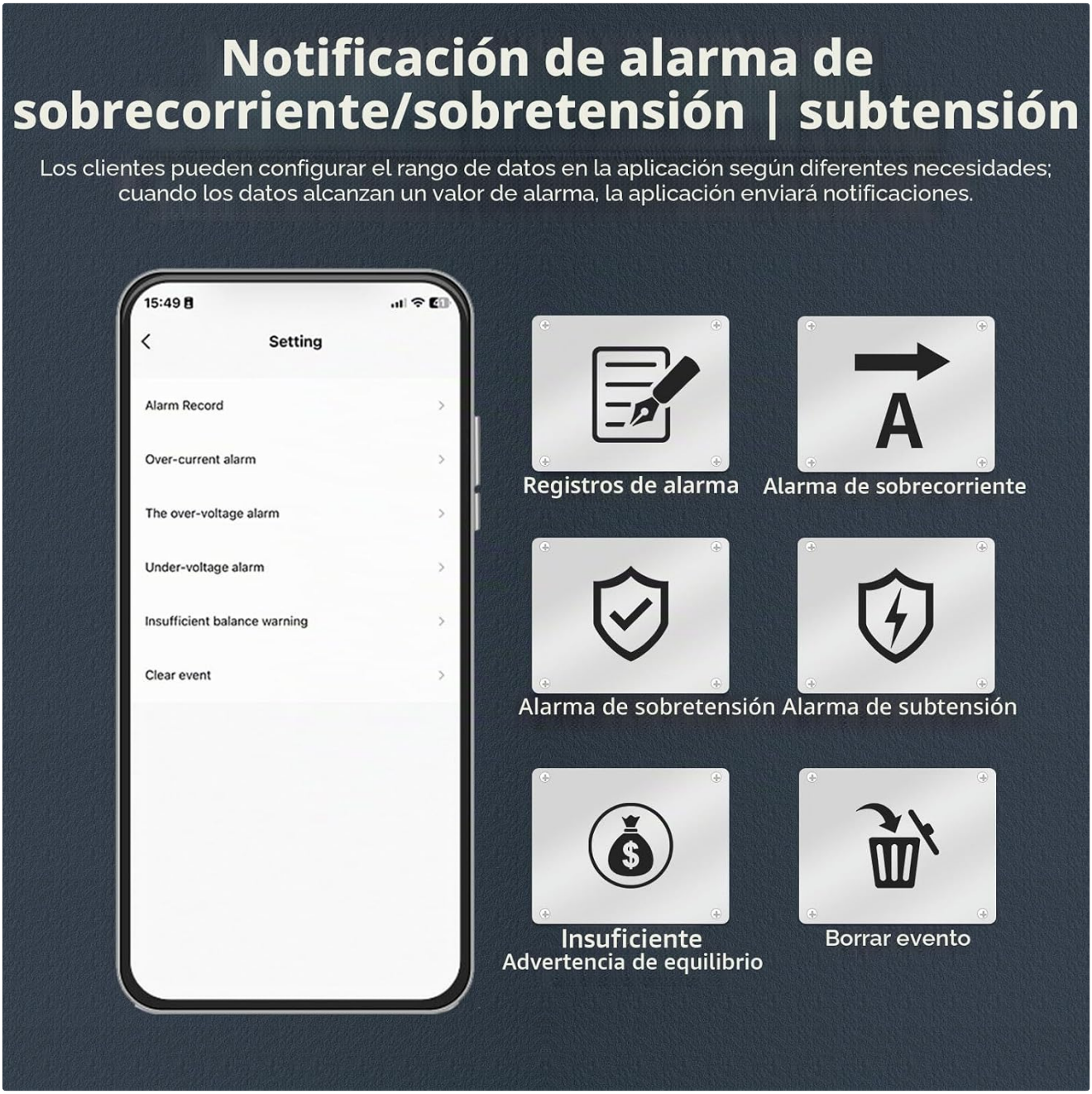

Image 6.4: App interface for configuring and viewing alarm notifications.

7. Maintenance

- **Cleaning:** Gently wipe the device with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** The app may prompt you for firmware updates. It is recommended to keep the device's firmware updated for optimal performance and security.
- **Regular Checks:** Periodically inspect the wiring connections to ensure they remain secure.

8. Troubleshooting

8.1 Device Not Powering On

- Check the main circuit breaker for the circuit where the meter is installed.

- Verify all wiring connections (L and N) are correct and secure.
- Ensure the input voltage is within the specified range (AC 90-250V).

8.2 Unable to Connect to Wi-Fi / Frequent Disconnections

- Ensure your Wi-Fi network is 2.4GHz. The meter does not support 5GHz.
- Check the Wi-Fi signal strength at the meter's location. Move the router closer or use a Wi-Fi extender if necessary.
- Confirm your Wi-Fi password is entered correctly in the app.
- If the meter cuts power during pairing, refer to the "Wi-Fi Connection and Device Pairing" section (5.2) for workarounds.
- Try resetting the meter (power cycle) and attempting the pairing process again.

8.3 Inaccurate Readings

- Ensure the meter is correctly wired and installed according to the diagram.
- If discrepancies persist, contact customer support.

8.4 Device Turned Off via App and Cannot Be Re-enabled

If the meter's output power is cut via the app and your Wi-Fi router is on the same circuit, you will lose Wi-Fi connectivity to the meter, preventing remote re-enablement.

- **Solution:** Physically cycle the power to the meter (turn off and on the main circuit breaker). This will restore power and Wi-Fi connectivity.
- **Alternative:** If you have a mobile hotspot, connect your phone to it, then use the app to re-enable the meter.

9. Warranty and Customer Support

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. eMylo is committed to providing high-quality smart home products.
If you encounter any issues or have questions regarding your eMylo WiFi Smart Energy Meter, please visit the official eMylo website or contact their customer support through the details provided in your product packaging or purchase platform.
eMylo Official Store: eMylo Amazon Store