

Tapo Tapo P210M

TP-Link Tapo Smart Plug P210M User Manual

MODEL: TAPO P210M

INTRODUCTION

The Tapo P210M is an advanced in-wall smart outlet designed to provide comprehensive control and energy management for your home. This device integrates seamlessly with various smart home ecosystems through Matter certification, allowing for independent or simultaneous control of two connected devices. It offers features such as energy usage monitoring, automatic shutoff for overcharge prevention, and voice control compatibility with major assistants like Amazon Alexa, Apple Siri, Google Assistant, and Samsung SmartThings.

This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and safety of your Tapo P210M Smart Plug.

SAFETY INFORMATION

Important Safety Instructions:

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This Matter-certified accessory requires an Apple Home hub such as HomePod or Apple TV running the latest software.
- Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple's performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
- Specifications are subject to change without notice.
- Voice control is only supported with certain voice assistants.
- The total power of the connected electrical equipment should not exceed the max load current, and maximum power supported varies based on the appliance. The maximum power load for this device is 15A (1875W) at 125V.
- Always turn off the circuit breaker before performing any electrical installation.
- Consult a certified electrician if you are unfamiliar with electrical wiring.

PACKAGE CONTENTS

The Tapo P210M package includes the following items:

- 1 x Tapo P210M Smart In-Wall Outlet
- 1 x Quick Installation Guide



Image: The Tapo P210M Smart Plug and its retail packaging, showing the compact design of the in-wall outlet.

PRODUCT OVERVIEW

The Tapo P210M features a standard duplex outlet design with smart capabilities. Each of the two outlets can be controlled independently. The device includes LED indicators to show status and physical buttons for manual control.



Image: An overview of the Tapo P210M's key features, including individual controls for each outlet, voice control, remote control, scheduling, energy monitoring, and overcharge prevention.

SETUP AND INSTALLATION

Before beginning installation, ensure you have the necessary tools (screwdriver, voltage tester) and understand basic electrical wiring. If you are unsure, please consult a qualified electrician.

Wiring Requirements:

- Neutral wiring is required.
- A 2.4GHz Wi-Fi network is required for initial setup and smart features.

Installation Steps:

1. **Turn off the circuit breaker:** Locate the circuit breaker that controls the outlet you intend to replace and switch it to the OFF position. Use a voltage detector to ensure there is no power going to the outlet.



Image: Step 1 shows turning off the circuit breaker. Step 2 illustrates removing the old outlet from the wall box.

2. **Remove the old outlet:** Carefully unscrew and gently pull out the existing outlet from the wall box.
3. **Identify the wires and disconnect the old ones:** Note the wiring configuration of your old outlet. Typically, you will find Line (hot), Load (to device), Neutral, and Ground wires. Disconnect them safely.



Image: Step 3 shows identifying and disconnecting wires from the old outlet. Step 4 demonstrates connecting the wires to the new Tapo P210M outlet according to the wiring diagram.

4. **Connect the wires to the new outlet:** Connect the wires to the correct terminals of your new Tapo P210M outlet as shown on the product label or refer to your old outlet's wiring. Ensure secure connections.
5. **Line up and secure the outlet:** Line up the new outlet with the mounting holes in the wall box and secure it with the longer screws provided.
6. **Secure the mounting bracket and wallplate:** Ensure the UP arrow on the back of the wallplate points up, and then snap on the wallplate.

App Setup:

1. Download the Tapo app from the App Store (iOS) or Google Play Store (Android).
2. Create a TP-Link ID or log in with an existing one.
3. Follow the in-app instructions to add your Tapo P210M device. Ensure your phone is close to the device during pairing and that the device has internet access for initial configuration.

OPERATING THE TAPO P210M

App Control:

Use the Tapo app to control your smart outlet from anywhere. You can:

- Instantly turn connected devices on/off.
- Set custom schedules for automatic power on/off.
- Create smart actions with other paired devices (e.g., turn on a lamp when a motion sensor is triggered).

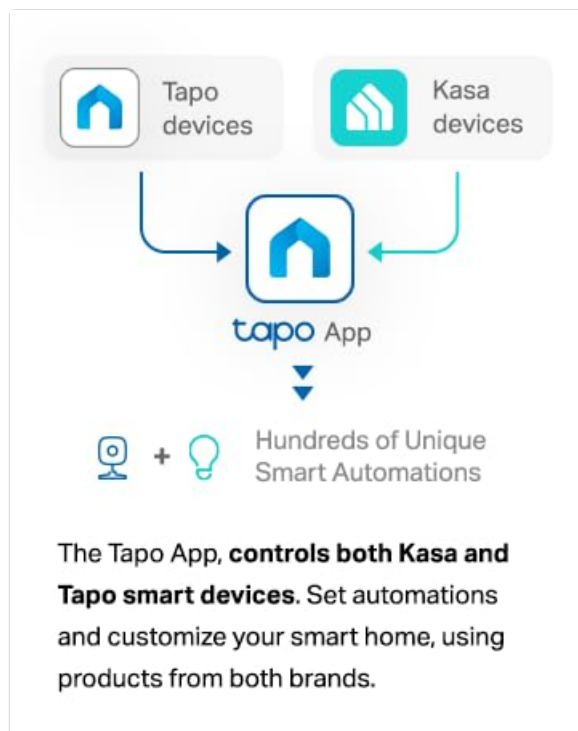


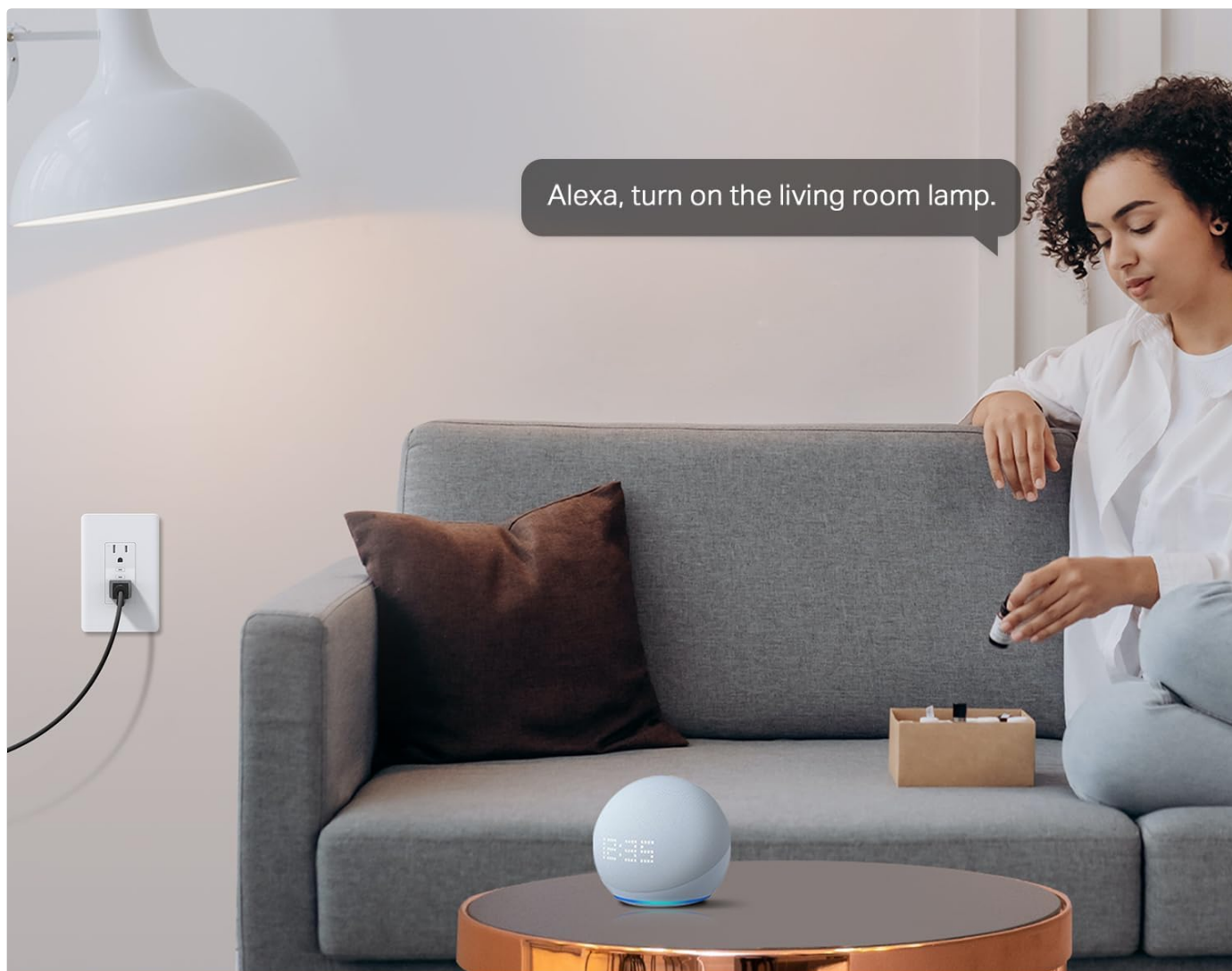
Image: A smartphone displaying the Tapo app interface, demonstrating remote control of the smart outlet.

Voice Control:

The Tapo P210M is compatible with major voice assistants, allowing for hands-free control:

- Amazon Alexa
- Apple Siri
- Google Assistant
- Samsung Bixby

Simply use voice commands to turn devices on or off.



Voice Control

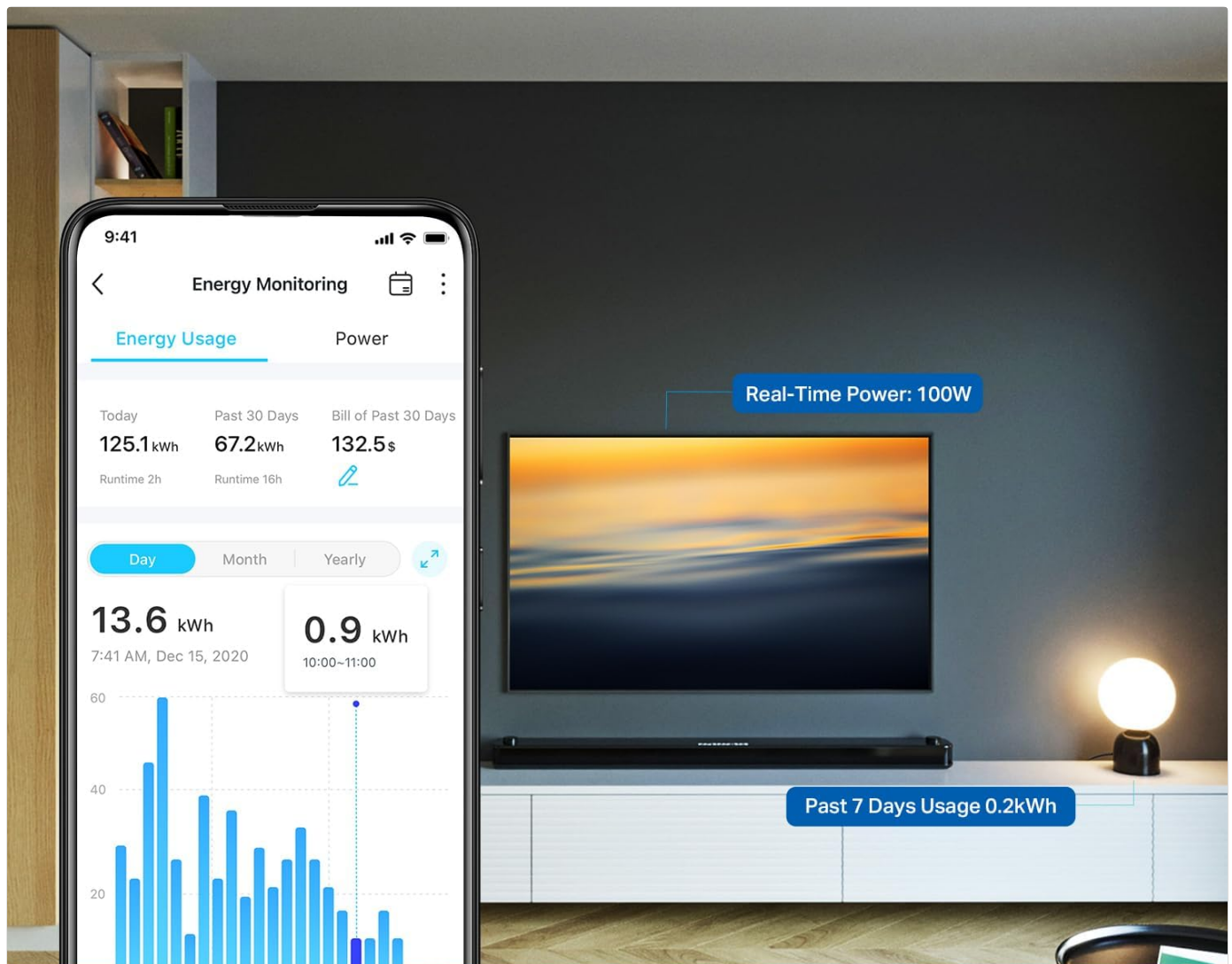
Use simple voice commands with Alexa, Siri, Google Assistant, or Samsung Bixby without leaving your spot.

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Image: A person using voice commands with an Amazon Echo device to control a lamp connected to the Tapo P210M smart outlet.

Energy Monitoring:

Track the energy consumption of devices connected to your Tapo P210M. The app provides detailed insights into daily, monthly, and yearly energy usage, helping you identify energy-saving opportunities and estimate electricity costs.



Enhanced Energy Monitoring

Monitor the connected device's power consumption and estimate your energy bill.

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Image: A smartphone screen displaying energy usage graphs and real-time power consumption of a connected device, such as a TV.

Overcharge Prevention:

The P210M can automatically turn off power to a device when it is fully charged, prolonging the battery lifespan of your phone, tablet, and other rechargeable devices.



Overcharge Prevention

When the phone is fully charged, the outlet will automatically turn off.

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Image: A visual representation of the overcharge prevention feature, showing a device charging and the outlet automatically turning off when the battery reaches 100%.

Power Protection:

Set a power threshold in the Tapo app. If the connected device's power consumption exceeds this threshold, the P210M will automatically shut off to prevent potential issues.

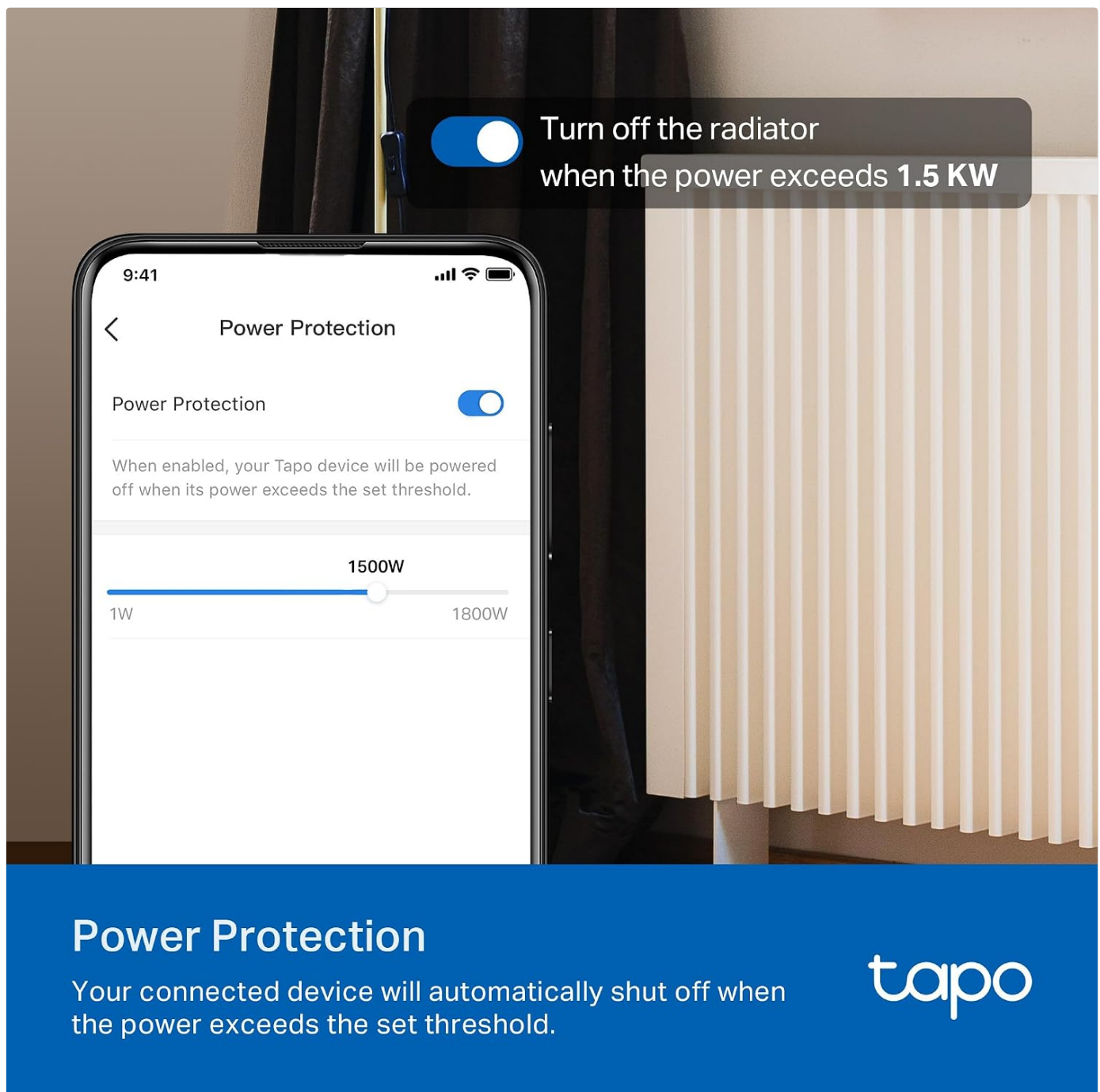


Image: A smartphone screen showing the power protection settings in the Tapo app, where a user can set a maximum power threshold for the connected device.

Local Control (Without Wi-Fi):

Even if your home's internet connection is down, you can still control your connected devices through the Tapo app via local network control.

Away Mode:

Enhance home security by activating Away Mode. This feature randomly turns lights on and off to mimic occupancy, deterring potential intruders while you are away.

Matter Compatibility:

The Tapo P210M is Matter-certified, ensuring broad compatibility with various smart home platforms and devices, regardless of brand. This allows for a more unified and flexible smart home experience.



Matter-Certified

Regardless of brand, all Matter-certified devices can work together. Matter devices can be controlled by most major smart home platforms.

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Image: A diagram illustrating how Matter-certified devices, including the Tapo P210M, can connect and be controlled by various smart home platforms like Tapo, Amazon Alexa, Apple Home, Google Home, and Samsung SmartThings.

MAINTENANCE

To ensure the longevity and proper functioning of your Tapo P210M Smart Plug, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the surface of the outlet with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the device.
- **Environment:** Ensure the operating environment remains within the specified temperature (32°F-104°F) and humidity (10%-90% non-condensing) ranges.
- **Firmware Updates:** Regularly check for and install firmware updates via the Tapo app to ensure your device has the latest features and security enhancements.

TROUBLESHOOTING

If you encounter issues with your Tapo P210M, refer to the following common problems and solutions:

- **Device not responding in app:**
 - Check your Wi-Fi connection. Ensure the outlet is within range of your 2.4GHz Wi-Fi router.
 - Verify the device is powered on and the LED indicator is showing the correct status.
 - Restart the Tapo P210M by turning off and on the circuit breaker.
 - Ensure your Tapo app is updated to the latest version.
- **Difficulty with initial setup/pairing:**
 - Ensure neutral wiring is present and correctly connected.
 - Confirm you are connecting to a 2.4GHz Wi-Fi network.
 - Keep your smartphone close to the outlet during the pairing process (within 18 inches).
 - Ensure the device can access the internet during the initial app configuration.
- **Outlet feels tight in junction box during installation:**
 - The Tapo P210M is designed to be compact, but some older or smaller junction boxes may have limited space. Carefully arrange wires within the box to allow for proper fit.
 - Do not force the outlet into the box, as this can damage wiring or the device.
- **Voice control not working:**
 - Ensure your voice assistant (Alexa, Siri, Google Assistant) is properly linked to your Tapo account.
 - Check that the device name in the Tapo app matches the name used in your voice assistant.
 - Verify your internet connection.

SPECIFICATIONS

Feature	Detail
Model Number	Tapo P210M
Operation Mode	Automatic
Operating Voltage	125 Volts
Wattage	1875 Watts
Max Load Current	15 Amps
Connectivity Protocol	Wi-Fi (2.4GHz)
Control Method	App, Touch, Voice
Contact Type	Normally Open
Circuit Type	2-way
Number of Positions	2
Item Dimensions (L x W x H)	5.07 x 3.33 x 0.1 inches
Item Weight	7 ounces

Operating Temperature	32°F - 104°F (0°C - 40°C)
Operating Humidity	10% - 90% RH, Non-condensing
Certifications	FCC, ETL, RoHS, Matter Certified

WARRANTY AND SUPPORT

TP-Link products are designed for durability and reliability. For specific warranty information regarding your Tapo P210M Smart Plug, please refer to the warranty card included in your product packaging or visit the official TP-Link website. For technical support, product registration, and additional resources, you can contact TP-Link support:

- **Phone Support:** (866) 225-8139
- **Product Support Page:** myproducts.tp-link.com/us
- **Email Support:** support.USA@tp-link.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

