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Meross MSS315 Matter Smart Plug User Manual

Model: MSS315 | Brand: Meross

1. INTRODUCTION

The Meross MSS315 Matter Smart Plug is a 16A Wi-Fi enabled smart plug designed for seamless integration into your smart home ecosystem. Compatible with Apple Home, Amazon Alexa, and Google Home, this smart plug offers energy monitoring capabilities, voice control, and remote access. It supports the Matter protocol, ensuring broad compatibility and enhanced security for your connected devices.



Figure 1: Meross Matter Smart Plug highlighting multi-platform compatibility.

2. SETUP

2.1 Pre-installation Checklist

- Ensure your device is connected to a **2.4 GHz Wi-Fi network**. Matter devices do not support 5 GHz Wi-Fi networks.
- Verify that **Bluetooth is enabled** on your smartphone. Matter devices are configured via Bluetooth.
- Your smartphone must be running **iOS 16.1 or later**, or **Android 8.1 or later**.

- A **Matter-compatible hub** (e.g., Apple HomePod, Google Nest Hub, Amazon Echo 4th Gen) is required for full functionality.

2.2 Initial Pairing with Apple Home

To add your Meross Matter Smart Plug to Apple Home:

1. Open the **Apple Home app** on your device.
2. Tap the **“+” symbol**, then select **“Add or Scan Accessory”**.
3. Scan the **QR setup code** located on your Matter device or its packaging.
4. Wait for your device to connect. This may take a few moments.
5. Choose a location for your device and assign it a name.
6. Tap **“Done”** to complete the setup.



Figure 2: Easy setup using the QR code on the Meross Matter Smart Plug.

2.3 Multi-Admin Setup (Adding to Other Platforms)

The Matter protocol's Multi-Admin feature allows you to control your smart plug from multiple smart home platforms simultaneously. After initial pairing with one platform (e.g., Apple Home), you can generate a temporary pairing code to add it to others.

2.3.1 Generating a Temporary Pairing Code (Example: from Apple Home)

1. In the **Apple Home app**, go to the settings page of your Meross Smart Plug.
2. Scroll down and tap **“Turn On Pairing Mode”**.
3. A temporary pairing code will appear. **Copy this code**. This code is valid for approximately 3 minutes.

2.3.2 Adding to Amazon Alexa (using temporary code)

1. Open the **Amazon Alexa app**.
2. Tap the **“+” symbol**, then select **“Add Device”**.
3. Choose **“Matter”** from the list of device types.
4. Tap **“Try Numeric Code Instead”**, then **“Enter Code”**.
5. Enter the temporary pairing code copied from the Apple Home app.
6. Wait for your device to connect.

2.3.3 Adding to Google Home (using temporary code)

1. Open the **Google Home app**.

2. Tap the “+” symbol, then select “Set up device”.
3. Choose “New device”.
4. Select “Matter-enabled device” from the list.
5. Tap “Continue without scanning”.
6. Enter the temporary pairing code copied from the previous platform (e.g., Alexa or Apple Home).
7. Wait for your device to connect.

2.4 Adding to Meross App (for Advanced Features)

While Matter provides basic control, advanced features like energy monitoring and firmware updates are accessible only through the Meross app. Ensure your phone and Matter device are connected to the same Wi-Fi network.

1. Open the **Meross app**.
2. Tap the “+” symbol to add a new device.
3. Your paired Matter device should be automatically found. Tap “Add”.
4. Wait for your device to connect.

Note: The video below provides a visual guide for the Matter Multi-Admin setup process.

Video 1: Meross Matter Multi-Admin Setup Guide. This video demonstrates how to add your Meross Matter device to Apple Home, then share it with Alexa and Google Home, and finally add it to the Meross app for advanced features.

3. OPERATING THE SMART PLUG

3.1 Basic On/Off Control

Once set up, you can control the smart plug directly from the respective smart home apps (Apple Home, Alexa, Google Home) or the Meross app by tapping the on/off icon.

3.2 Voice Control

Use voice commands with your connected smart assistants:

- **Alexa:** "Alexa, turn on the living room light."
- **Google Assistant:** "Hey Google, turn off the fan."
- **Siri:** "Hey Siri, turn on the coffee maker."

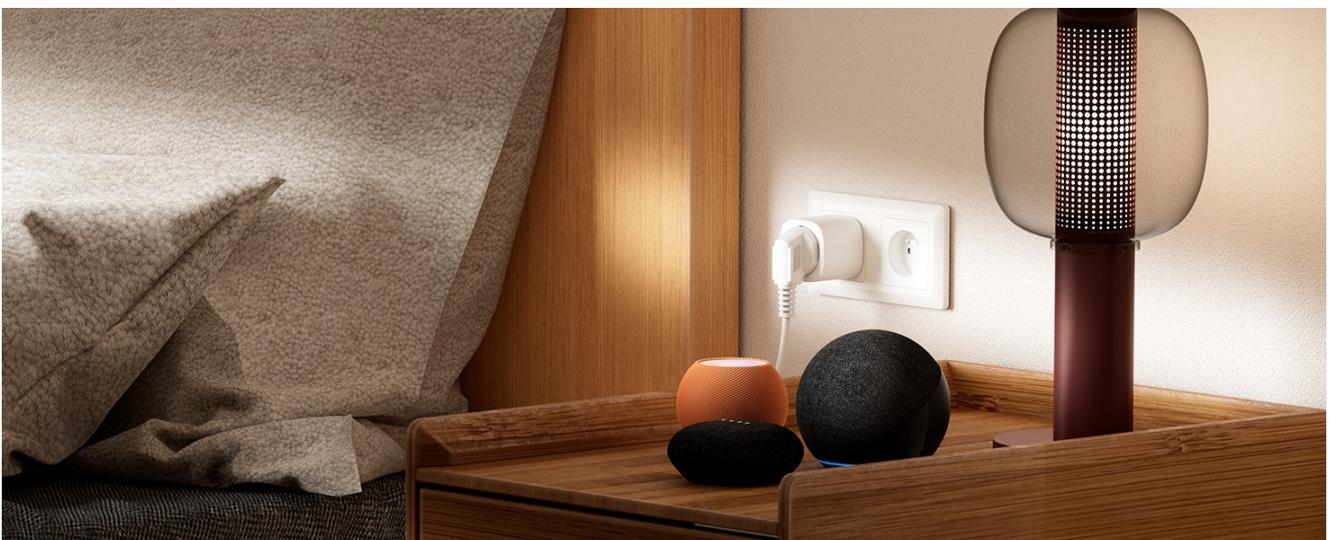


Figure 3: Example of voice control with the Meross Smart Plug.

3.3 Remote Control

Control your appliances from anywhere using your smartphone with internet access. Simply open the connected smart home app or the Meross app to manage your devices.



Figure 4: Remote control functionality via smartphone.

3.4 Scheduling, Timers, and Countdown

Create custom schedules, set timers, or configure countdowns to automatically turn your devices on or off according to your routine. This feature is available through the Meross app and supported smart home platforms.

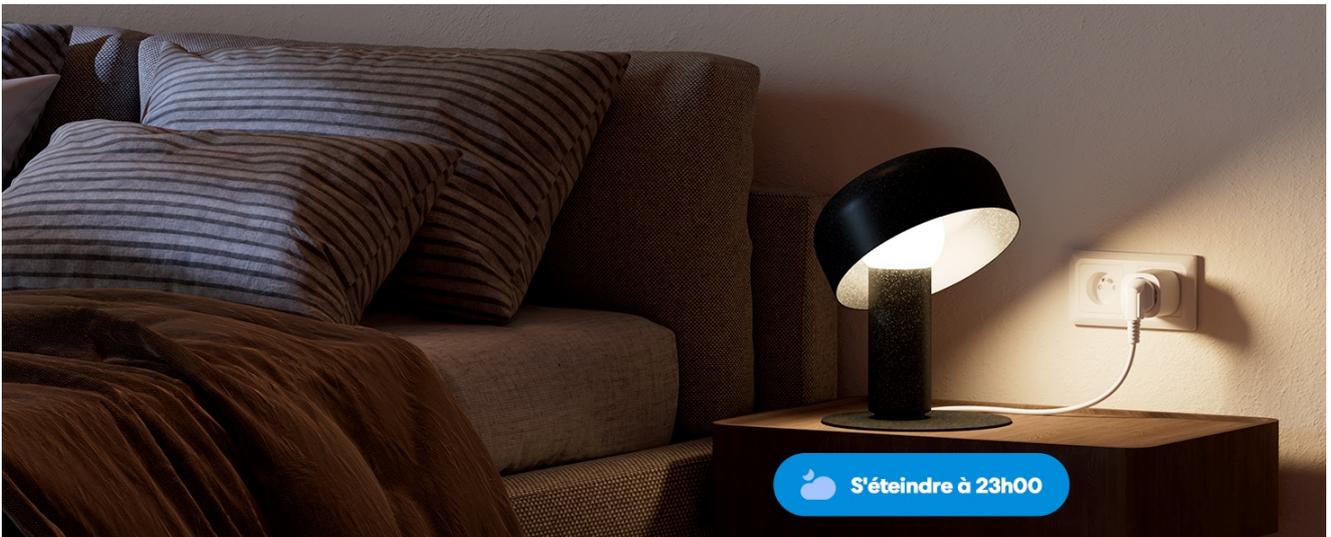


Figure 5: Example of a scheduled power-off for a lamp.

3.5 Energy Monitoring

The Meross app provides real-time energy consumption data. You can view daily, weekly, monthly, and yearly electricity usage, helping you monitor and manage your energy expenses. This feature also supports monitoring photovoltaic solar panels.

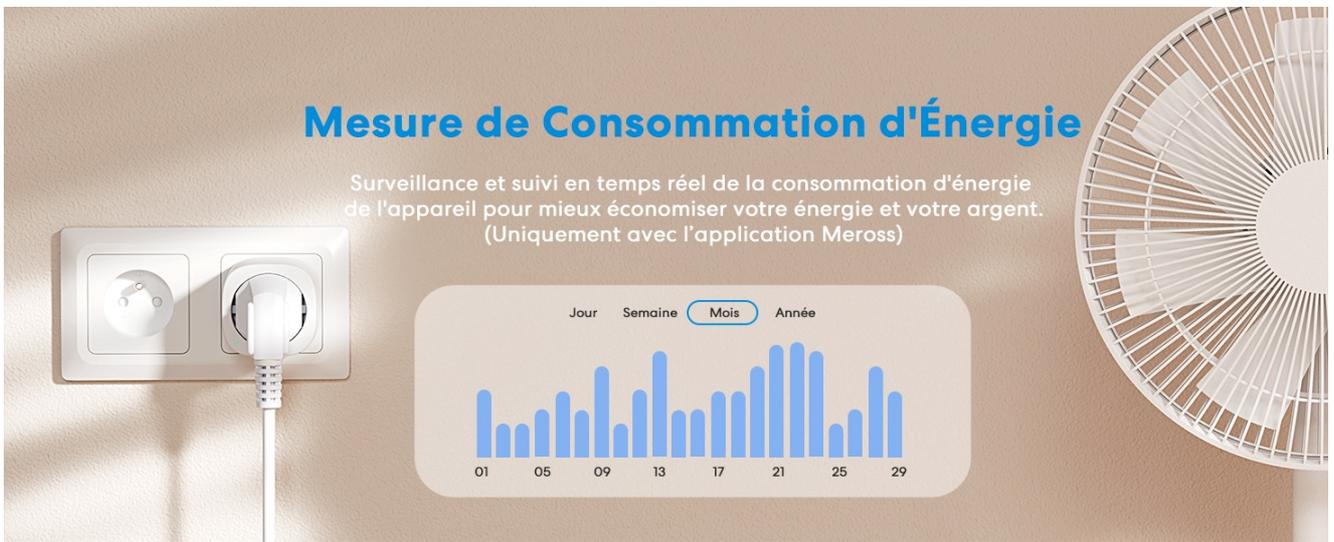


Figure 6: Real-time energy consumption tracking in the Meross app.



Figure 7: Monitoring solar panel energy production via the Meross app.

3.6 Standby Power Killer

This advanced feature, available in the Meross app, automatically turns off devices when they enter standby mode, saving energy and enhancing safety. You can customize the power threshold for this function.



Figure 8: Standby power killer feature for energy efficiency.

4. MAINTENANCE

4.1 Firmware Updates

Regular firmware updates are released to improve performance, add new features, and enhance security. These updates can be performed via the Meross app. Navigate to the device settings within the Meross app and look for the 'Firmware Update' option.

4.2 Cleaning and Care

The smart plug is made of durable Polycarbonate material. To clean, simply wipe with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is unplugged before cleaning.

5. TROUBLESHOOTING

5.1 Device Not Connecting

- **Wi-Fi Network:** Ensure your Wi-Fi network is 2.4 GHz. Matter devices do not support 5 GHz networks.
- **Bluetooth:** Verify Bluetooth is enabled on your smartphone during the initial setup.
- **Hub Requirement:** Confirm you have a Matter-compatible hub (e.g., Apple HomePod, Google Nest Hub, Amazon Echo) properly set up and connected.
- **Firmware:** Ensure your smartphone's OS (iOS 16.1+ or Android 8.1+) and Bluetooth (4.2+) are up to date.

5.2 Advanced Features Not Accessible

Advanced features like energy monitoring, firmware updates, and specific scheduling options are only available through the **Meross app**. Ensure your device is added to the Meross app after initial Matter pairing.

5.3 Loss of Connection

If the smart plug loses connection to the Wi-Fi network, it should automatically reconnect once the network is restored. If issues persist, try restarting your Wi-Fi router and the smart plug.

5.4 Matter Pairing Code Issues

Temporary pairing codes generated for Multi-Admin setup are valid for a limited time (approx. 3 minutes). If the code expires, generate a new one from the platform where the device was initially added.

6. SPECIFICATIONS

Feature	Specification
Model Number	MSS315
Manufacturer	meross
Dimensions (L x W x H)	5 x 5 x 4.3 cm
Weight	90 grams
Color	White
Style	Matter Version
Material	Polycarbonate

Wattage	3840 Watts
Current Rating	16 A
Operating Voltage	240 Volts
Switch Type	Push Button, 1-way
Connectivity	Wi-Fi 2.4 GHz, Bluetooth
Compatibility	Apple Home, Amazon Alexa, Google Home, Samsung SmartThings
Included Components	1 x Matter Smart Plug, 1 x User Manual

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your Meross MSS315 Matter Smart Plug, please refer to the official Meross website or contact Meross customer service directly. Contact details are typically found in the product packaging or on the official Meross support page.