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Tuya Wi-Fi BL E27 Smart Light Socket Adapter User Manual

Model: A

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Tuya Wi-Fi BL E27 Smart Light Socket Adapter. Please read this manual thoroughly before using the product to ensure safe and optimal performance. This smart adapter allows you to convert any standard E27 light fixture into a smart light, controllable via Wi-Fi, voice commands, and a mobile application.

2. PRODUCT OVERVIEW

The Tuya Wi-Fi BL E27 Smart Light Socket Adapter is designed to add smart functionality to your existing E27 light bulbs. It integrates seamlessly with smart home ecosystems like Amazon Alexa and Google Home, enabling convenient voice control and remote management of your lighting. The adapter features a standard E27 screw base for installation into your light fixture and an E27 socket for your light bulb.



Image: Side view of the Tuya Wi-Fi E27 Smart Light Socket Adapter, showing the E27 screw base and the E27 bulb socket.



Image: Bottom view of the smart light socket adapter, highlighting the internal E27 bulb connection points.



Image: Diagram showing the dimensions of the smart light socket adapter: 52mm (2.05in) width and 92mm (3.62in) height.

3. FEATURES

- **E27 Compatibility:** Designed for standard E27 screw-in light bulbs and fixtures.
- **Wi-Fi Connectivity:** Connects to your home Wi-Fi network for remote control.
- **Voice Control:** Compatible with Amazon Alexa and Google Home for hands-free operation.
- **App Control:** Manage your lights from anywhere using the Tuya Smart or Smart Life mobile application.
- **Timer & Schedule Functions:** Set schedules for lights to turn on/off automatically.
- **Compact Design:** Blends seamlessly with most light fixtures.

4. SETUP

4.1. Installation

1. **Power Off:** Ensure the power to the light fixture is turned off at the main circuit breaker before installation.
2. **Screw In Adapter:** Carefully screw the Tuya Wi-Fi BL E27 Smart Light Socket Adapter into your

existing E27 light fixture until it is snug. Do not overtighten.

3. **Insert Bulb:** Screw your E27 light bulb into the smart adapter's socket.
4. **Power On:** Restore power to the light fixture from the main circuit breaker. The light bulb should turn on, indicating the adapter is receiving power.

4.2. App Pairing (Tuya Smart / Smart Life App)

1. **Download App:** Download the "Tuya Smart" or "Smart Life" app from the App Store (iOS) or Google Play Store (Android).
2. **Register/Login:** Open the app and register for a new account or log in with an existing one.
3. **Add Device:** Tap the "+" icon in the top right corner of the app to add a new device.
4. **Select Device Type:** Select "Lighting" or "Light Source (Wi-Fi)" from the device list.
5. **Confirm Indicator:** Ensure the light bulb connected to the adapter is blinking rapidly. If not, turn the light switch ON-OFF-ON-OFF-ON (or similar sequence, consult app for specific reset instructions) until it blinks rapidly.
6. **Enter Wi-Fi Details:** Enter your 2.4GHz Wi-Fi network name and password. *Note: 5GHz Wi-Fi networks are not supported.*
7. **Connect:** The app will begin searching for and connecting to the device. Once connected, you can rename the device for easier control.

4.3. Voice Assistant Integration (Alexa/Google Home)

1. **Enable Skill:** Open your Amazon Alexa or Google Home app. Go to "Skills & Games" (Alexa) or "Works with Google" (Google Home) and search for "Tuya Smart" or "Smart Life". Enable the skill.
2. **Link Account:** Link your Tuya Smart/Smart Life account with your voice assistant account.
3. **Discover Devices:** Ask your voice assistant to "Discover devices" or manually initiate device discovery in the app. Your smart light adapter will appear in the device list.
4. **Assign to Room:** Assign the device to a specific room for organized control.

5. OPERATING INSTRUCTIONS

Once successfully set up, you can control your light bulb through various methods:

- **App Control:** Open the Tuya Smart/Smart Life app. Tap on the device to turn it on/off, set timers, or create schedules.
- **Voice Control:** Use voice commands with Amazon Alexa or Google Home. Examples:
 - "Alexa, turn on [Device Name]"
 - "Hey Google, turn off [Device Name]"
- **Manual Control:** You can still use the physical light switch to turn the light on or off. However, using the physical switch to turn off the light will cut power to the adapter, making it unreachable by the app or voice commands until the switch is turned back on.

6. MAINTENANCE

To ensure the longevity and proper functioning of your smart light socket adapter, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Wipe the adapter with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

- **Environment:** Avoid exposing the adapter to excessive moisture, extreme temperatures, or direct sunlight.
- **Handling:** Handle the adapter carefully. Do not drop it or subject it to strong impacts.
- **Firmware Updates:** Periodically check the Tuya Smart/Smart Life app for available firmware updates to ensure optimal performance and security.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not connecting to Wi-Fi.	Incorrect Wi-Fi password; 5GHz network; adapter too far from router; incorrect pairing mode.	Ensure correct 2.4GHz Wi-Fi password. Move adapter closer to router. Reset adapter (turn ON-OFF-ON-OFF-ON) until light blinks rapidly, then try pairing again.
Light not responding to app/voice commands.	Adapter is offline; Wi-Fi disconnected; physical switch is off; app/voice assistant skill not linked.	Check Wi-Fi connection. Ensure physical light switch is ON. Verify adapter status in app. Relink Tuya Smart/Smart Life skill in Alexa/Google Home app.
Light bulb not turning on.	No power to fixture; bulb faulty; adapter faulty.	Check circuit breaker. Test bulb in another fixture. Test adapter with a different bulb.

8. SPECIFICATIONS

- **Model:** A
- **Brand:** Generic
- **Socket Type:** E27
- **Connectivity:** Wi-Fi (2.4GHz only)
- **Compatibility:** Tuya Smart / Smart Life App, Amazon Alexa, Google Home
- **Manufacturer:** KIEUCHINH
- **Dimensions:** Approximately 52mm (width) x 92mm (height)
- **First Available Date:** March 14, 2025

9. SAFETY INFORMATION

Please observe the following safety precautions:

- **Electrical Safety:** Always turn off power at the circuit breaker before installing or removing the adapter or light bulb.
- **Indoor Use Only:** This device is intended for indoor use in dry locations only. Do not expose to water or high humidity.
- **Voltage Compatibility:** Ensure the voltage of your light fixture is compatible with the adapter and the light bulb.
- **Overload:** Do not exceed the maximum wattage rating of the adapter or the light fixture.
- **Children:** Keep out of reach of children.
- **Disassembly:** Do not attempt to disassemble or modify the adapter. This will void the warranty and may pose a safety risk.

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please contact the manufacturer or your point of purchase.