Athom NS-BSD34-W

Athom TUYA WiFi Smart Plug Outlet (UK, 16A) User Manual

Model: NS-BSD34-W

1. INTRODUCTION

The Athom TUYA WiFi Smart Plug Outlet (UK, 16A) allows you to control your electronic devices remotely using a smartphone application or voice commands. This smart plug integrates seamlessly with popular smart home platforms such as Amazon Alexa, Google Assistant, SmartThings, and IFTTT, providing convenience and energy management for your home appliances. This manual provides detailed instructions for setup, operation, and troubleshooting to ensure optimal use of your smart plug.

2. SAFETY INFORMATION

- Do not exceed the maximum load current of 16A or maximum power of 3600W.
- Ensure the plug is fully inserted into the wall socket.
- Do not disassemble or modify the device.
- Keep the device away from water and high humidity environments.
- Use only in dry indoor locations.
- For safety, do not connect appliances that require constant supervision, such as heaters or irons, to the smart plug.
- If the device is damaged, discontinue use immediately.

3. PACKAGE CONTENTS

- 1 x Athom TUYA WiFi Smart Plug Outlet (UK, 16A)
- 1 x User Manual

4. PRODUCT FEATURES

- **Remote Control:** Control connected devices from anywhere using the mobile app.

- **Voice Control:** Compatible with Amazon Alexa, Google Assistant, and SmartThings for hands-free operation.

- **Scheduling & Timing:** Set schedules and timers to automatically turn devices on or off.

- **Group Control:** Control multiple smart plugs simultaneously.

- **Device Sharing:** Share control of the smart plug with family members.

- **Smart Scenes:** Create custom automation scenarios.

- **Energy Monitoring:** Monitor power consumption (if supported by the app).

- **No Hub Required:** Connects directly to your 2.4GHz WiFi network.
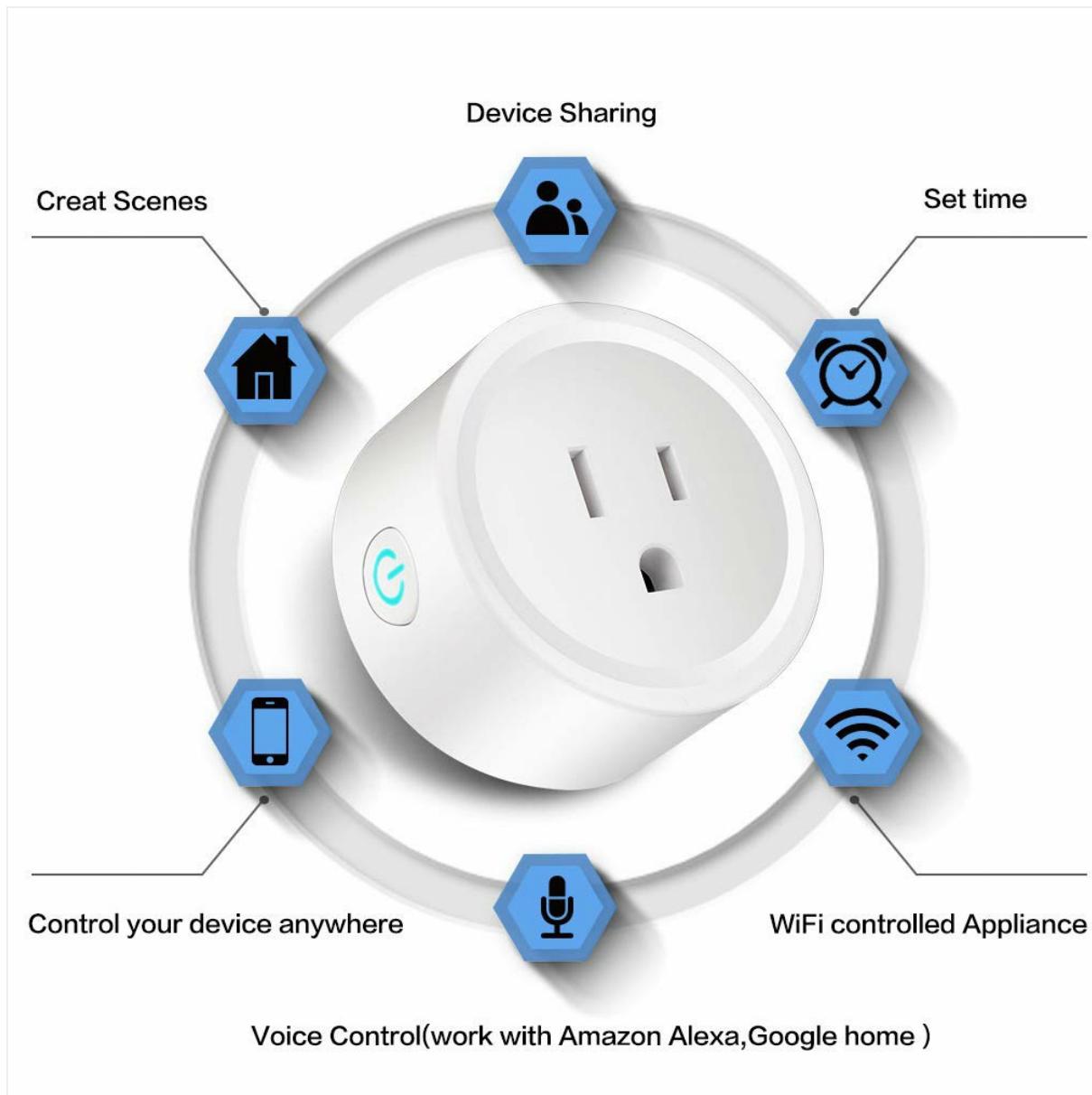
Figure 1: Overview of Smart Plug Functions. This image displays the core capabilities of the smart plug, such as device sharing, creating smart scenes, controlling devices remotely, voice control integration, WiFi connectivity, and setting timers for appliances.

Figure 2: EU Smart Plug Functionality. This image highlights key features including WiFi connection, voice control via Alexa/Google/IFTTT, customizable schedules, single app control, remote device management, appliance timing, and device sharing.

5. SETUP GUIDE

5.1 Download the App

Search for 'Tuya Smart' or 'Smart Life' in the Apple App Store or Google Play Store, or scan the QR code provided in the product packaging to download and install the app.

5.2 Register and Log In

Open the app and follow the on-screen instructions to register a new account or log in with an existing one.

5.3 Add Device (Pairing Mode)

1. Plug the smart plug into a power outlet.
2. Press and hold the power button on the smart plug for 5-10 seconds until the indicator light blinks rapidly (EZ Mode) or slowly (AP Mode). Rapid blinking indicates EZ Mode, which is recommended for initial setup.
3. Open the 'Tuya Smart' or 'Smart Life' app, tap '+' in the top right corner, and select 'Electrical Outlet' or 'Socket (Wi-Fi)'.
4. Confirm that the indicator light is blinking rapidly in the app and proceed.

5.4 Connect to 2.4GHz WiFi

- Enter your 2.4GHz WiFi network name and password. The smart plug does not support 5GHz WiFi.
- Wait for the app to connect the smart plug to your WiFi network. Once connected, the indicator light will stop blinking and remain solid.

5.5 Rename Device

After successful connection, you can rename the smart plug (e.g., 'Living Room Lamp', 'Coffee Machine') for easier identification and voice control.

5.6 Integrate with Voice Assistants

Follow the instructions within the 'Tuya Smart' or 'Smart Life' app to link your account with Amazon Alexa, Google Assistant, or SmartThings for voice control functionality.

Figure 3: Setting Up Timers via the App. This image illustrates the process of scanning for nearby equipment and setting specific turn-on and turn-off times for the smart plug using a smartphone application.

6. OPERATING INSTRUCTIONS

6.1 Manual Control

Press the power button on the smart plug to manually turn the connected appliance on or off.

6.2 App Control

Open the 'Tuya Smart' or 'Smart Life' app, select your smart plug, and tap the power icon to toggle the connected appliance on or off. You can also access advanced features like scheduling and countdown timers.

6.3 Voice Control

Once integrated with a voice assistant, use commands such as:

- "Alexa, turn on [Device Name]."

- "Hey Google, turn off [Device Name]."

- "Alexa, set [Device Name] to turn on at 7 AM."

6.4 Scheduling and Timers

Within the app, navigate to the device settings to set up daily schedules, countdown timers, or recurring timers for your appliances.

6.5 Group Control and Device Sharing

Use the app to create groups of smart plugs for simultaneous control or share access to individual plugs with other users in your household.
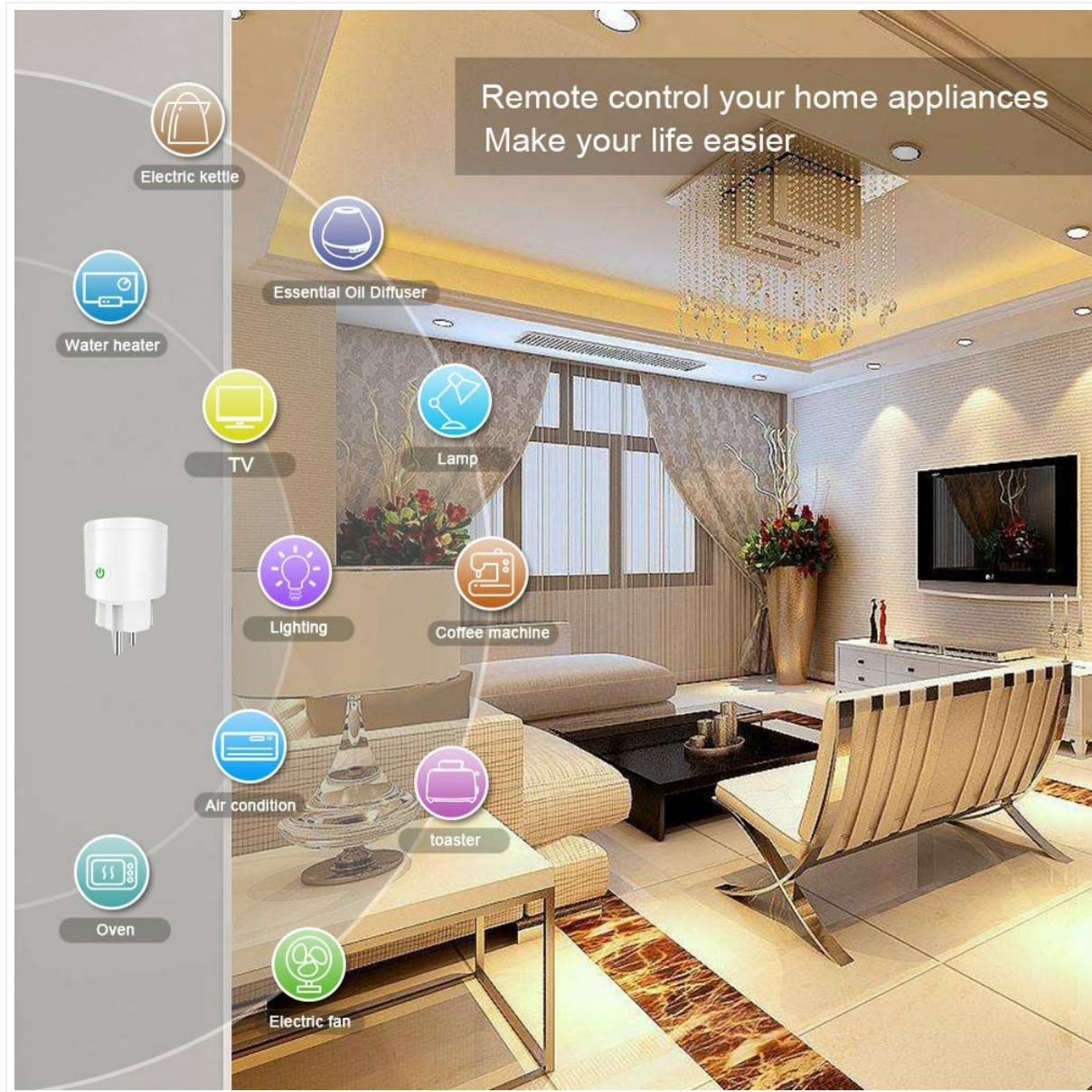
Figure 4: Remote Control of Home Appliances. This image demonstrates how the smart plug can remotely control a variety of household appliances, including an electric kettle, water heater, TV, lamp, coffee machine, lighting, air conditioner, toaster, oven, and electric fan, making daily life more convenient.

7. MAINTENANCE

- Clean the smart plug with a dry, soft cloth. Do not use liquid cleaners.
- Ensure the plug is disconnected from power before cleaning.
- Store the device in a cool, dry place when not in use for extended periods.

8. TROUBLESHOOTING

8.1 Device Not Connecting to WiFi

- Ensure your WiFi network is 2.4GHz. The smart plug does not support 5GHz.
- Check if the WiFi signal is strong enough at the plug's location. Move the plug closer to the router if necessary.
- Verify that you have entered the correct WiFi password.
- Reset the smart plug by unplugging it for 10 seconds and plugging it back in, then try pairing again.

- Ensure your router is not blocking new devices.

## 8.2 Voice Control Not Working

- Confirm that the smart plug is successfully connected to the 'Tuya Smart' or 'Smart Life' app.

- Ensure your voice assistant (Alexa, Google Assistant) account is correctly linked to your 'Tuya Smart' or 'Smart Life' account.

- Check the device name in the voice assistant app; it should match the name you use in your voice commands.

- Try re-discovering devices in your voice assistant app.

8.3 Plug is Unresponsive

- Check if the power outlet is working.

- Ensure the smart plug is receiving power.

- If the plug is offline in the app, try reconnecting it to WiFi.

- Perform a factory reset by holding the power button for an extended period (e.g., 15-20 seconds) until the indicator light blinks rapidly, then re-add the device.

9. SPECIFICATIONS

Material	ABS+Flame retardant PC
Voltage	110-240V 50/60Hz
Max. Current	16A
Max. Power	3600W
Dimensions	50 x 50 x 84 mm (1.97 x 1.97 x 3.31 inches)
Consumption Monitor	Yes
Working Temperature	-20°C ~ 50°C
Wireless Connectivity	WiFi 2.4GHz 802.11b/g/n
Control Mode	APP/Voice/Manual
Certifications	CE, RoHS
Item Model Number	NS-BSD34-W
UPC	781108088915

Turn on/off button

Flame-retardant shell

0.83 " (21mm)

2.1 " (54mm)

1.2 "(31mm)
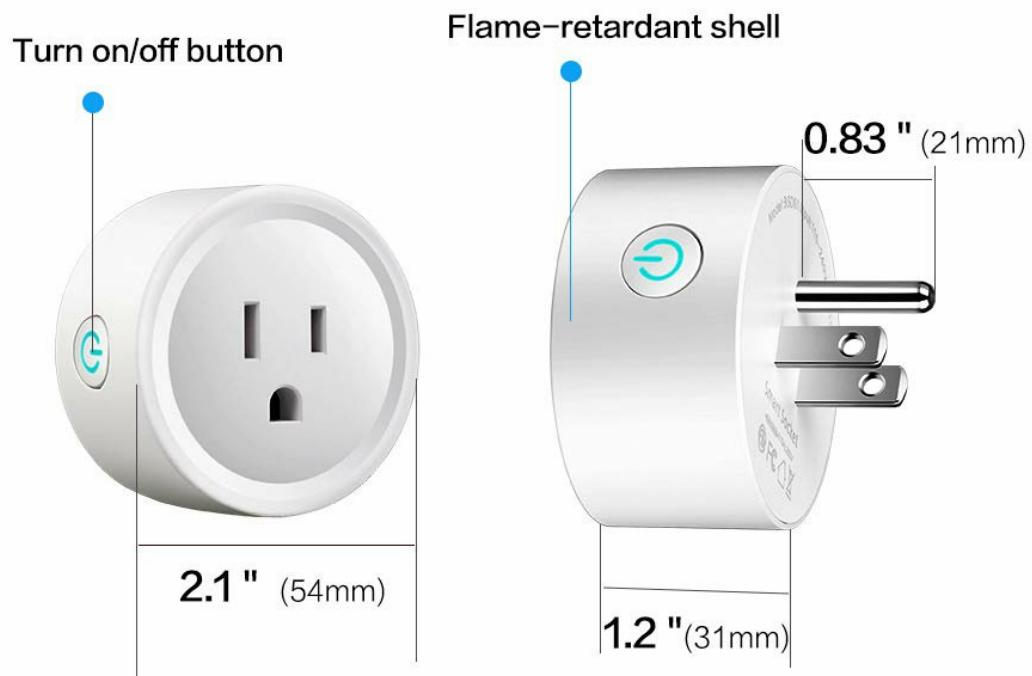
Smart life，small and powerful

Figure 5: Smart Plug Dimensions and Features. This image details the physical aspects of the smart plug, including the location of the turn on/off button, its flame-retardant shell, and precise measurements (width, depth, and plug height).

10. WARRANTY AND SUPPORT

Please carefully read the User Manual before using the product. For any questions or support needs, please feel free to contact us. Refer to your purchase documentation for specific warranty terms and contact information.