SURFOU BSD33-F

SURFOU Smart WiFi Plug Type E - Instruction Manual (Model BSD33-F)

1. PRODUCT OVERVIEW

The SURFOU Smart WiFi Plug Type E (Model BSD33-F) allows you to control your electronic devices remotely using your smartphone. It integrates with popular voice assistants and offers features such as scheduling, timers, and energy consumption monitoring. This manual provides detailed instructions for setup, operation, and maintenance.

Image 1.1: The SURFOU Smart WiFi Plug Type E, showcasing its compact design and compatibility with Google Assistant, SmartThings, and Amazon Alexa. A smartphone screen next to it illustrates the scheduling function within the control application.

2. Safety Information

Please read all safety instructions before using the device to prevent injury or damage. Keep this manual for future reference.

- Ensure the plug is used within its specified electrical ratings: 16A, 230V, Max. 3680W.
- Do not disassemble or modify the device.
- Avoid exposure to water or humid environments.
- Keep out of reach of children. The plug features hidden contacts for child protection.
- The device includes protection against short-circuits, overcurrents, surges, and overheating.

CONÇU POUR LA SÉCURITÉ

protection contre les courts-circuits

protection contre les surintensités

protection contre la surpression
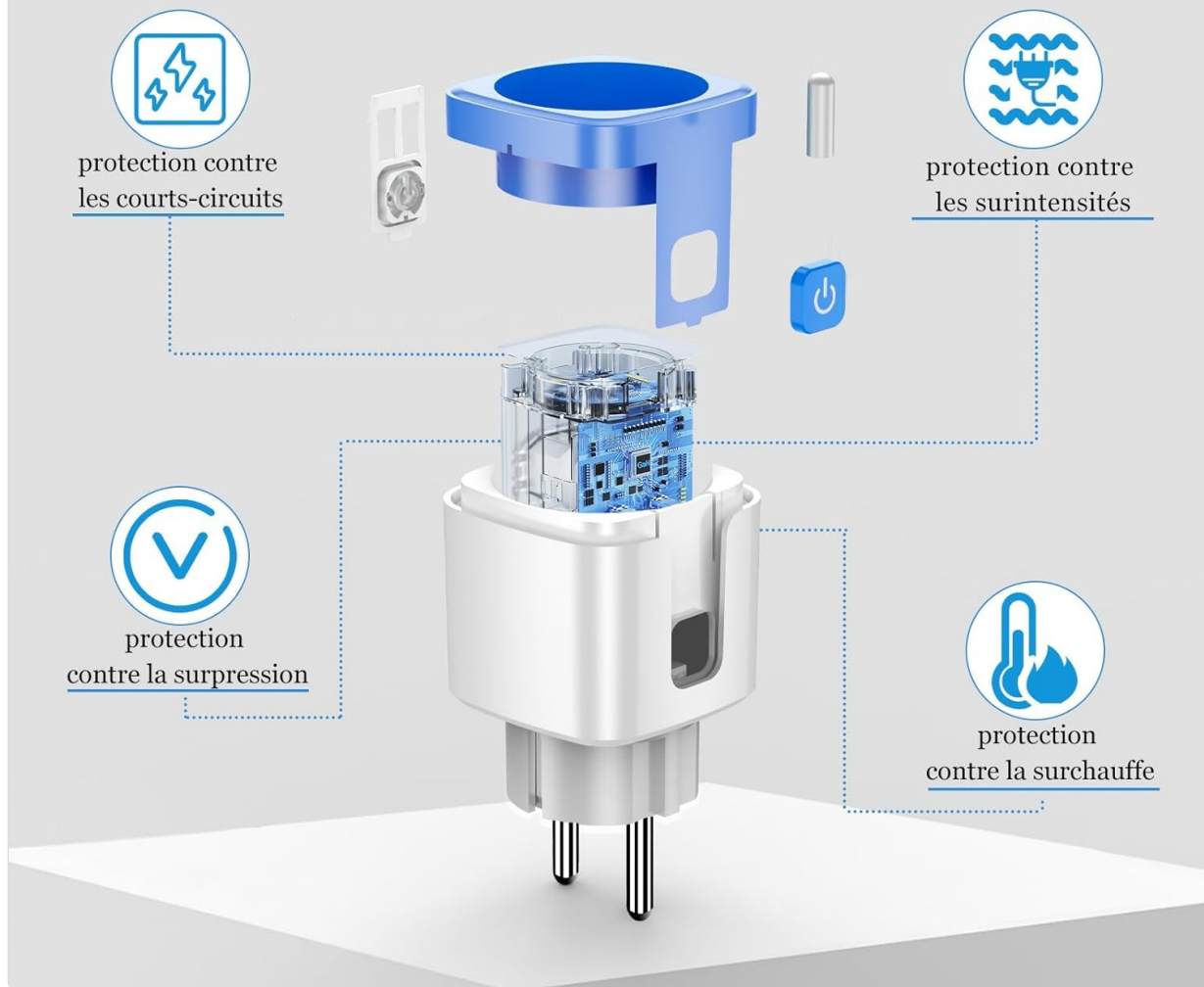
protection contre la surchauffe

Image 2.1: An exploded view diagram illustrating the internal safety mechanisms of the smart plug, including protection against short-circuits, overcurrents, surges, and overheating.

PROTECTION DES ENFANTS

Les contacts cachés de la prise intelligente empêchent les enfants de s'électrocuter en jouant.

Image 2.2: A child reaching for a smart plug in a wall socket, demonstrating the child protection design with hidden contacts to prevent accidental electric shock.

3. SETUP GUIDE

3.1. Download the App

The SURFOU Smart WiFi Plug operates with the Tuya Smart or Smart Life application. Download the app from your device's app store (Google Play Store for Android or Apple App Store for iOS).

1. Search for "Tuya Smart" or "Smart Life" in your app store.
2. Download and install the application.
3. Register or log in to your account.

3.2. Connect to Wi-Fi

The smart plug requires a 2.4 GHz Wi-Fi network for connection. It is not compatible with 5 GHz Wi-Fi networks.

1. Plug the SURFOU Smart WiFi Plug into a standard wall outlet.
2. Open the Tuya Smart or Smart Life app.

3. Tap the "+" icon in the top right corner to add a device.

4. Select "Electrical Outlet" or "Socket (Wi-Fi)".

5. Follow the in-app instructions to put the device into pairing mode (usually by pressing and holding the power button on the plug until the indicator light blinks rapidly).

6. Enter your 2.4 GHz Wi-Fi network name and password.

7. Wait for the app to connect to the device. Once connected, you can rename the plug for easier identification.

4. OPERATING INSTRUCTIONS

4.1. Remote Control

Once connected, you can turn the plug on or off from anywhere using the Tuya Smart/Smart Life app on your smartphone or tablet.

4.2. Scheduling and Timer Function

Set up custom schedules and timers to automate your devices.

1. In the app, select your smart plug.

2. Tap on "Schedule" or "Timer" option.

3. Set desired ON/OFF times, repeat days, and specific actions.

4. Save your settings.

Image 4.1: A coffee machine plugged into the smart plug, with the accompanying smartphone app showing the timer function being set for 7:30 AM, demonstrating automated control.

4.3. Voice Control Integration

The SURFOU Smart WiFi Plug is compatible with Amazon Alexa, Google Assistant, and SmartThings.

1. Ensure your voice assistant device (e.g., Amazon Echo, Google Home) is set up and connected to the same Wi-Fi network.
2. Open the Alexa, Google Home, or SmartThings app.
3. Enable the "Tuya Smart" or "Smart Life" skill/service.
4. Link your Tuya Smart/Smart Life account.
5. Discover devices. Your smart plug should appear.
6. You can now control the plug using voice commands, e.g., "Alexa, turn on the lamp" or "Hey Google, turn off the coffee maker."

Image 4.2: An illustration of voice control in action, with a person speaking "Alexa, turn on the lamp" to a voice assistant device, demonstrating seamless integration.

4.4. Energy Monitoring

The smart plug features an integrated power meter to track electricity consumption.

1. In the Tuya Smart/Smart Life app, select your smart plug.
2. Look for the "Power Statistics" or "Energy Monitoring" section.
3. View real-time power (Watts), current (Amps), voltage (Volts), and total energy consumption (kWh).

Image 4.3: A kitchen environment showing multiple smart plugs connected to various appliances. A smartphone displays a graph of electricity usage, highlighting the energy monitoring capability.

4.5. Group Control

Group multiple smart plugs or devices together for simultaneous control.

1. In the Tuya Smart/Smart Life app, go to "Smart" or "Scenes".
2. Create a new group and add the desired smart plugs.
3. You can now turn all grouped devices on or off with a single command or tap.

COMMANDE DE GROUPE

regroupez vos appareils électroménagers pour les allumer ou les éteindre tous en un seul clic.

Image 4.4: A kitchen setting where multiple smart plugs are connected to different appliances (e.g., lights, oven hood). A smartphone screen shows a single control interface, illustrating the group control feature to manage all devices simultaneously.

5. MAINTENANCE

The SURFOU Smart WiFi Plug requires minimal maintenance.

- Keep the device clean and dry. Wipe with a soft, dry cloth if necessary.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the firmware of the smart plug and the app are updated to the latest versions for optimal performance and security. Check for updates within the Tuya Smart/Smart Life app.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution

Issue	Possible Cause	Solution
Device cannot connect to Wi-Fi.	Incorrect Wi-Fi band (5 GHz), wrong password, weak signal, or plug not in pairing mode.	- Ensure your Wi-Fi is 2.4 GHz. - Verify Wi-Fi password. - Move the plug closer to the router. - Reset the plug and re-enter pairing mode (indicator light blinking rapidly).
Voice control not working.	Skill not enabled, accounts not linked, or incorrect device name.	- Check if "Tuya Smart" or "Smart Life" skill is enabled in your voice assistant app. - Ensure your Tuya/Smart Life account is linked. - Try renaming the device in the app to something simple. - Ask the voice assistant to "discover devices."
Plug is unresponsive in the app.	Wi-Fi disconnection, app issue, or device malfunction.	- Check your Wi-Fi connection. - Restart the Tuya Smart/Smart Life app. - Unplug and re-plug the smart plug. - If issues persist, try re-pairing the device.
Energy monitoring data is inaccurate or missing.	Temporary app glitch or device error.	- Restart the app. - Ensure the plug is securely connected and the appliance is drawing power. - Check for app or device firmware updates.

7. SPECIFICATIONS

Feature	Detail
Model Number	BSD33-F
Brand	SURFOU
Dimensions (L x W x H)	5.2 x 5.2 x 8.5 cm
Weight	20 grams
Operating Voltage	230 Volts
Current Rating	16 Amperes
Maximum Power	3680 Watts

Feature	Detail
Wi-Fi Compatibility	2.4 GHz only (IEEE 802.11 b/g/n)
App Compatibility	Tuya Smart / Smart Life
Voice Assistant Compatibility	Amazon Alexa, Google Assistant, SmartThings
Material	Acrylonitrile Butadiene Styrene (ABS)
Country of Origin	China

8. WARRANTY AND SUPPORT

Specific warranty information for the SURFOU Smart WiFi Plug (Model BSD33-F) is not provided in the product details. For warranty claims or technical support, please refer to the retailer where the product was purchased or contact SURFOU customer service directly through their official channels, if available.

Please note that the product does not support "Tasmota", "Homekit", or "Matter" platforms.