

Power Failure Alarm User Manual

1. Product description

This device detects power failures and communicates alerts via WiFi. Alerts are sent out in the event of device restart, power outage, power back on, or device offline (over 24h).

- If the power is normal, the device draws power from , will automatically charge the built-in lithium battery to full ,and monitors the A/C outlet and the green LED will be ON.
- In the event of a power failure, the green LED turns OFF and the device sends out a power off alert. Please note that in order to send a power off alert, the WiFi connection and internet service must be maintained for a few seconds after a power loss.
- Enabled by default, the 120db buzzer sounds for 15 seconds every 5 minutes during power failures,or until muted by pressing any key.
- Device sends HTTP requests on power loss or restoration.
- Volume can be set to 4 positions: Mute + 3 adjustable levels. The device sends alerts to up to 4 email addresses. The alert via email is free permanently.
- Like all WiFi devices, this device's performance is influenced by WiFi signal strength and stability. Weak signals, often due to being too far from the router, can result in occasional 'device offline' alerts and failures to send alerts.

2. Product specification

Battery: 300 mAh rechargeable battery

WiFi type: 2.4GHz Only (Does NOT support 5GHz WiFi)

WiFi standard: IEEE 802.11b/g/n

WiFi security protocols: WPA/WPA2 PSK and WPS

3. *Start guide*

After receiving the product, please charge it first.

Step 1. Note your WiFi network name and password (typically your home/office network) for use in Step 6. Please ensure accurate upper/lower case and no typos!!!

Step 2. Insert the socket into an A/C outlet, upon which the green LED will illuminate.



Ringtone Key/ Long press top
for 2s → Setup Mode

Volume Key / Long press top
for 2s → ShutDown

Step 4. Press the ringtone key for 2 seconds; The led will go out, then release the key, the red LED will start to flash slowly. Now the device enters the setup mode, and becomes a Wi-Fi hotspot temporarily.

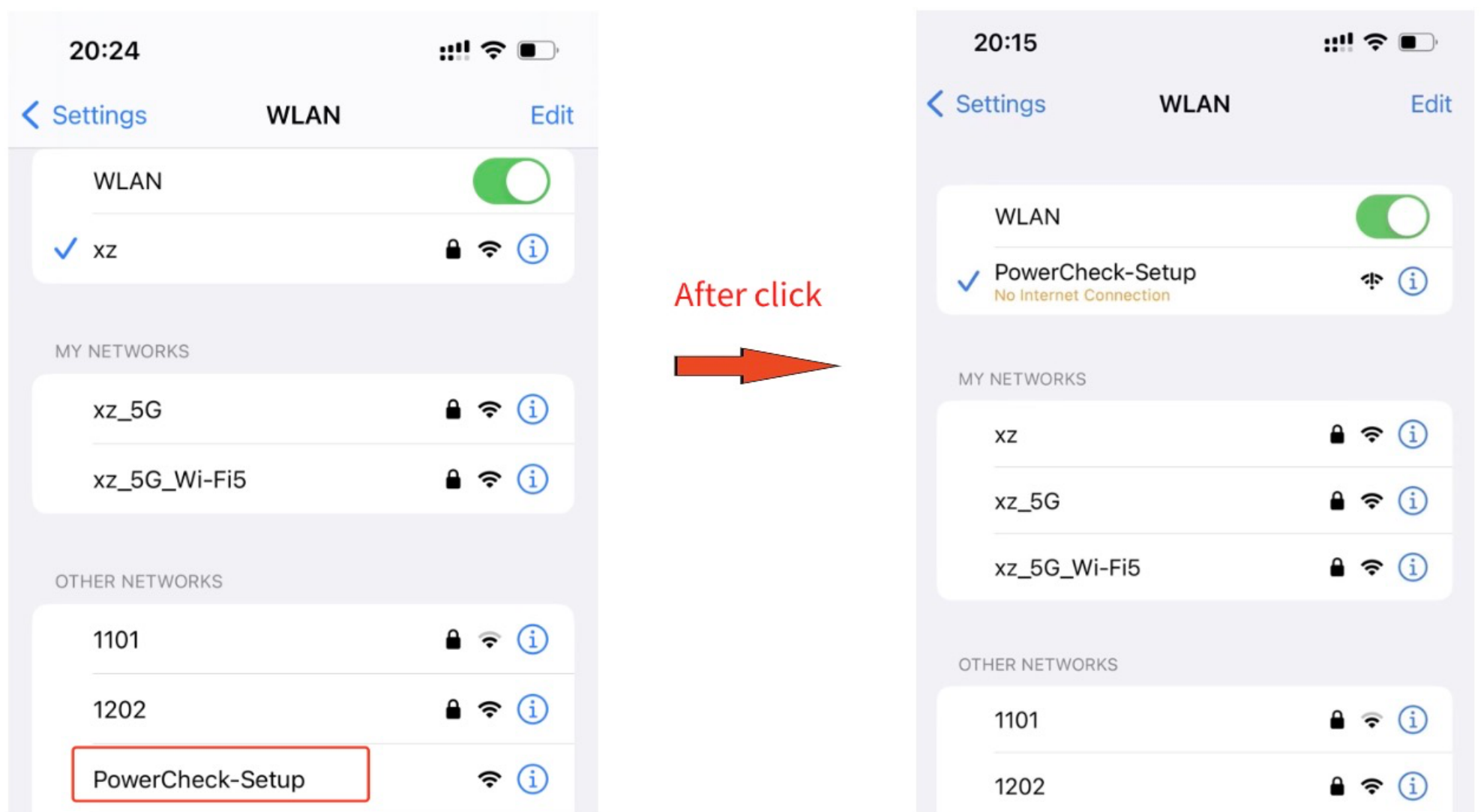
NOTE: The device WiFi hotspot has NO Internet Connection. It is for the device setup only and will be shut down after the setup!

1. **Green LED.** indicate the power supply of A/C outlet. it will keep ON if no power failure.

2. **Steady Red LED.** indicate the device is not connected to the WiFi.



Step 5. To set up the device, use a smart phone/computer. Access Wi-Fi settings of your phone/computer and scan for available networks. Connect to the device WiFi hotspot “PowerCheck” as shown in the figure below and click to join. If not visible, toggle Wi-Fi or wait a few seconds to rescan.



Step 6. Upon connecting to "PowerCheck"Wi-Fi, some phones/computers may auto-open the setup homepage. If not, open a browser and enter the setup homepage address, <http://powercheck.config> (DO NOT miss http://). Complete the settings as shown in the figure on the next page.

NOTE: The setup homepage is hosted locally on the device, not on the internet. If you're unable to access it, your phone/computer may have disconnected from "PowerCheck" and reconnected to its original Wi-Fi network. Certain apps or settings on your device

could cause this issue. Please attempt the setup again using a different phone or computer.

WiFi Name (enter WiFi name)

2.4GHz only, 5GHz not supported

WiFi Password

leave empty if no change

Device Name (valid characters: a-zA-Z0-9-; max 15 chars)

User Email Address (max 4)

Enter Email1

Enter Email2

Enter Email3

Enter Email4

Time Zone (click to select your timezone)

US/Eastern

Advance Setting (optional)

Power Outage RequestUrl

start with http:// or https://

Power Return RequestUrl

start with http:// or https://

Save And Restart

Input WiFi network name which the device will join to send the alert. It is **case sensitive**. **No leading/trailing spaces!** **No support 5GHz WiFi!**

Password is saved locally.

Can be **character, number, and hyphen**. Space is NOT allowed. Max length is 15.

Max 4 email addresses to receive the alert and the notification.

Click to choose the time zone of your device.

Http riggers when power outage or power return, to **integrate with your smart home systems** like Home Assistant or Node-RED for device control.

Step 7. After completing the settings, click "Save and Restart", then click "Confirm and Connect" in the next page . The device will restart, exit setup mode, and join your Wi-Fi network. Wait a few seconds, the red LED should turn off. A confirmation email and a device startup notification email will be sent to you shortly.

NOTE: If the red LED is ON steady and no email is received, it indicates that the device could not connect to your Wi-Fi network. However, this does not necessarily signify a defect with the device. Refer to the following details for further information:

- The most common cause of this issue is incorrect Wi-Fi network credentials (name/password). Please ensure there are no typos, no additional leading or trailing spaces, and that upper and lower case letters are used correctly.
- This device only supports 2.4GHz Wi-Fi. If your current Wi-Fi network is 5GHz only, please create a 2.4GHz network to connect this device.
- A few (NOT all) dual-band routers that use a single network name for both 5GHz and 2.4GHz bands may lead to connectivity issues. If this applies to you, creating a separate network for the 2.4GHz band could be a simple and effective solution.
- Various other factors can also contribute to setup failures, including but not limited to poor Wi-Fi signal, MAC address filtering, maximum client limit, and special settings on the Wi-Fi router. If issues persist, please contact support@yomishine.com for help.

4. ***Change WiFi network or device settings***

First, press the ringtone key for 2 seconds. Then, follow Steps 4 to 7 in the Start Guide to change your WiFi network name/password.

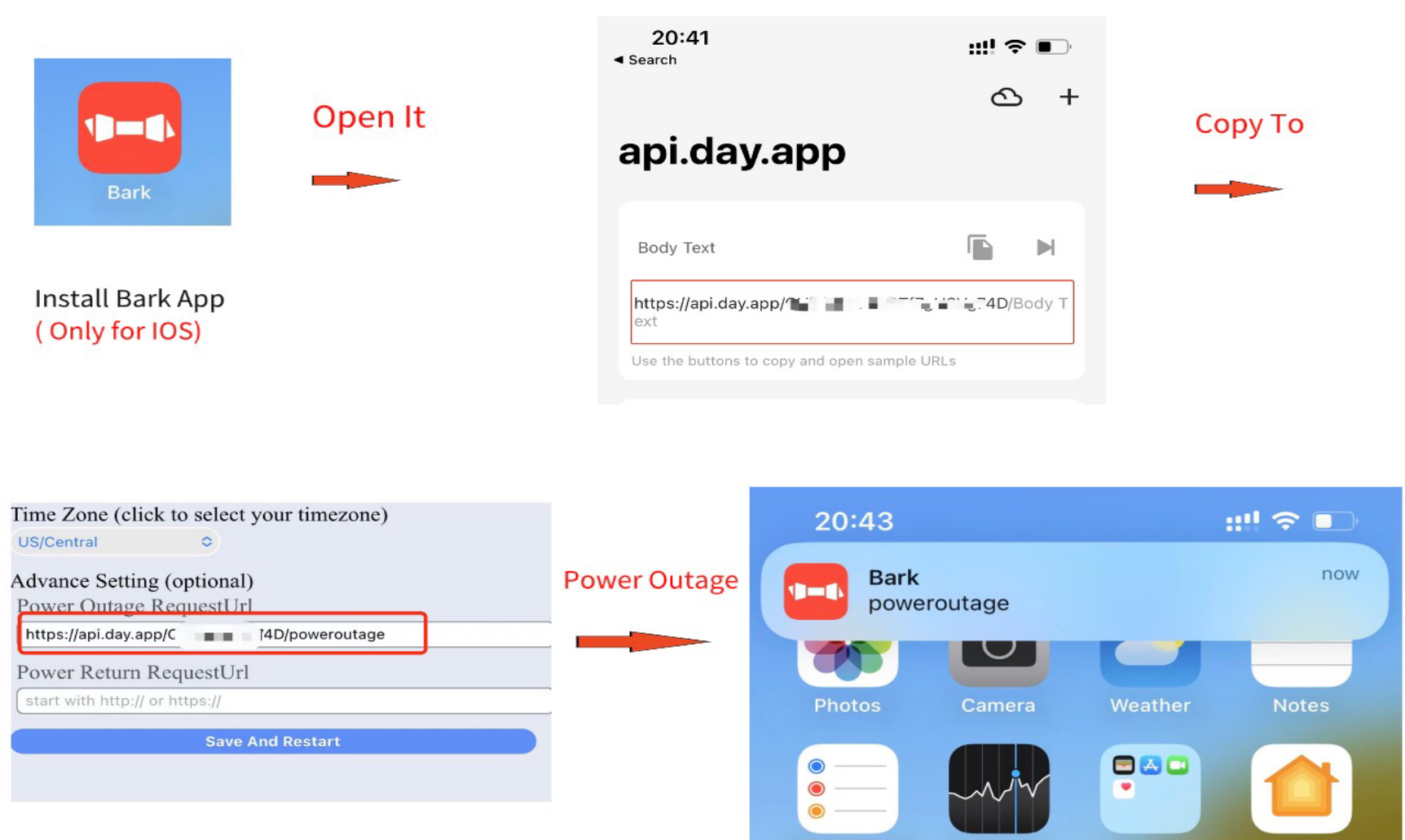
These steps can also be used to modify other settings such as your email address or http request url.

5. ***Device sends HTTP alerts when power outage or power return***

Device sends HTTP requests on power loss or restoration to integrate with your smart home systems like Home Assistant or Node-RED for device control.

Eg: For Iphone users only, you can receive app notifications after a power outage in the following ways:

1) Get Bark app 2) Copy link 3) Paste to Outage URL field 4) Save



Please don't hesitate to contact us at support@yomishine.com with the SN (at the back of device) if you need any assistance!

Warning:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user ' s authority to operate the equipment.

NOTE:

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.

FCC Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.