LEEDARSON

Building your success in IoT

Use Guide

ZB Smart Plug Mini

WARNING:

- For indoor use only.
- Do not immerse in water or use the device in wet locations, e.g. bathrooms or outdoors.
- The devices are not intended for use in locations where the temperature may be less than actual room conditions, such as unheated warehouses or garages.
  - The total current limit of the device is 10A. Do not exceed this value!
  - If a direct short is created on the output, the Smart Plug will be damaged and no longer function.
  - Do not disassemble the product, or make repairs yourself. You run the risk of electric shock and voiding the limited warranty. If you need service, please contact us.
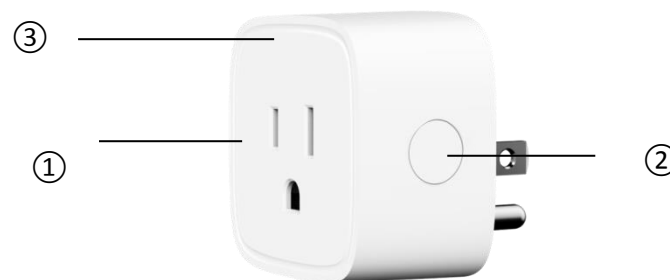- Do not connect after each other.
-

1 Package Contents

Smart Plug *1
Quick start guide*1

2 Product Description

The plug turns your electrical appliances smart by enabling you to control them through the smart home APP on your phone at or away from home. It also enables you to automatically switch appliances on and off according to a programmable timer and measure the energy consumption.

① **Socket:** Converts your traditional outlet and enables your plugged-in appliance to become Smart and controllable with the App

② **Button:** Press once to switch on or off; press and hold to reset

③ **Indicator Light:** when the plug is operating, the light is green; when the device is turned off, the light changes to off

Feature list:

1) **Remote Control:** Turn your electronic device on and off from anywhere using the mobile app.

2) **Schedule:** Set specific times for your device to turn on/off as setting connected lighting turn on at 19:00 every Monday. Or like setting lights to come on at dusk or turn off at sunrise.

3) **Coutdown:** set a countdown timer to have plug turn off automatically. As setting after 30 minutes turn off automatically.

4) Supporting repeater role.

Specification

Product Model	Model Name: 7C-PL-Z-A1
Power supply:	120VAC±10%, 60Hz
Rated load current:	10A
Power output	1200W
Operational temperature:	0℃-40℃
Radio protocol:	Zigbee 2.4G
Range:	About 40m indoors (depending on building materials)

LED Indicator: Under normal working state, Green—on, Red—off.

Action	Indicator
powering on plug, and waiting for being connected to Gateway	LED indicator blinks in green slowly
successfully connected to Gateway	LED indicator keeps in green status for 10s, and then turns off
fail to be connected to Gateway	LED indicator turns off directly
lose connection to Gateway (after connection to gateway)	LED indicator blinks in green quickly
Plug is "on" working model (after connection to gateway)	**LED indicator keeps in green status**
Plug is "off" working model	**LED indicator turns off**
OTA, Reset	LED indicator blinks in red quickly

3 Installation and Operation

Step 1. Download and install the App
Get the Arnoo App for android or IOS from Google play or Apple store.
Step 2. Register and login
Open the app, and it will walk you through creating an account and login to the home screen.
Step3. Connect the Smart Plug to the Gateway:
1. Plug the Smart Plug in the wall socket. The green LED should now blink once per second. If it doesn't, press the button on the Smart Plug for at least 5 seconds, until the red LED starts to blink rapidly. Then release the button and verify that the green LED blinks once per second.
2. Next, open the app and follow the usual steps to discover and connect a new device.
3. When the Smart Plug is connected, the green LED will stop blinking and the Smart Plug will show up in the app
4. You can now switch the Smart Plug On and Off via the app, as well as via the button on the Smart Plug itself. When On, the green LED is on, when Off, the green LED is off.

Factory-reset:
Press the button on the Smart Plug for at least 5 seconds, until the red LED starts to blink rapidly. After that, the green LED will blink once a second, indicating that it can be paired to a Gateway again.
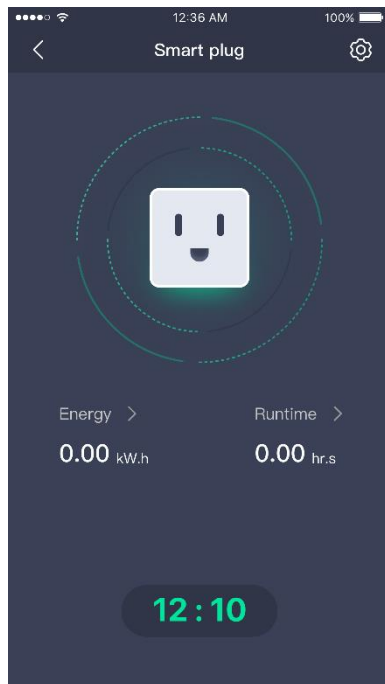
Operation
1 on/ off
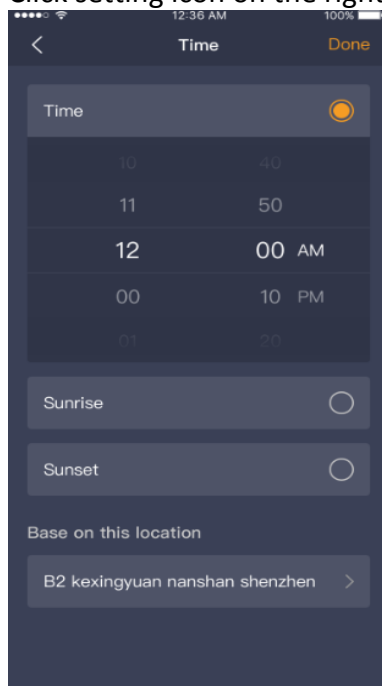 Click Plug icon to remote control on/off

2 timer countdown
Click timer countdown button to set timer countdown

3. Schedule

Click setting icon on the right corner to start Plug setting that included Schedule setting

FCC Statement

FCC ID:2AB2Q7CPLZA1

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

  NOTE: 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 it is 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 an 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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment in an outlet on a different circuit than the receiver.
4. Consult an experienced technician for help

RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 8 inches (20 cm) between the radiator and your body.

IC Statement

IC :10256A-7CPLZA1

This device complies with Industry Canada license-exempt RSS standard(s). 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si
le brouillage est susceptible d'en compromettre le fonctionnement.

IC 20cm RF
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 8 inches (20 cm) between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la IC établies pour un environnement non contrôé. Cet équipement doit être installé et fonctionner à au moins 20 cm de distance d'un radiateur ou de votre corps.

For more information, Welcome visit: www.leedarson.com.
Mail to: iot@leedarson.com
LEEDARSON LIGHTING CO., LTD.
XINGDA RD, XINGTAI INDUSTRIAL ZONE, CHANGTAI COUNTY, ZHANGZHOU,FUJIAN, 363900, CHINA