

LEEDARSON

Building your success in IoT



Use Guide **ZigBee Smart Plug-NA**

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 15A. 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.

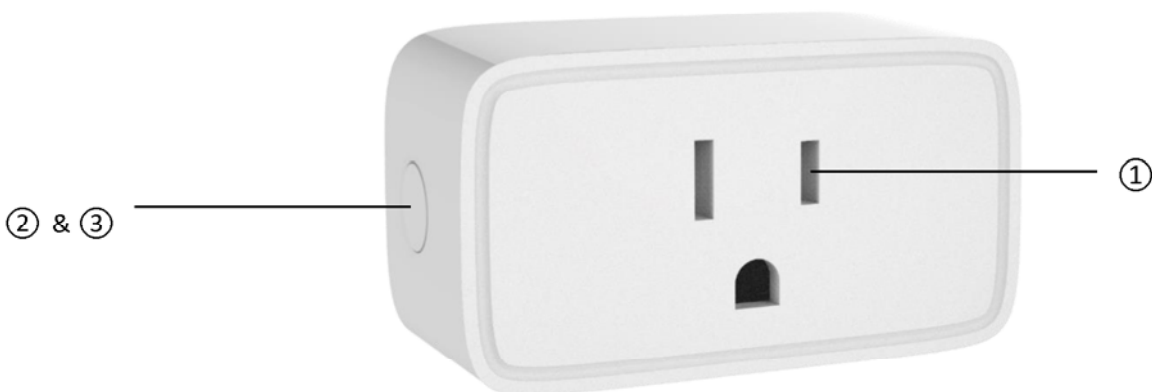
1 Package Contents

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 blue; 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) **Countdown:** set a countdown timer to have plug turn off automatically. As setting after 30 minutes turn off automatically.
- 4) Supporting repeater role.

Specification

Model	HPPA21SZ
Input	120VAC, 60Hz,15A
Output	120VAC ,60Hz , Max 15A, 1800W (Resistive)
Power consumption:	≤0.5W
Operational temperature:	0°C-40°C
Radio protocol:	ZigBee 2.4G
Range:	About 40m indoors (depending on building materials)

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

Status	Indicator Behavior
Powering on plug, is ready to start plug network configuration	Orange and Green alternately
During connection	Quick Blinking Orange
Connection succeeded	Solid Green 3 second,
Connection failed	Solid Red 3 second
Long press >=5s to perform reset; restart after release	Solid Red
Firmware OTA	Process: Quick Blinking Green Success: Solid Green 3 second, Fail: Solid Red 3 second
Off	The Smart plug is turned off

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.

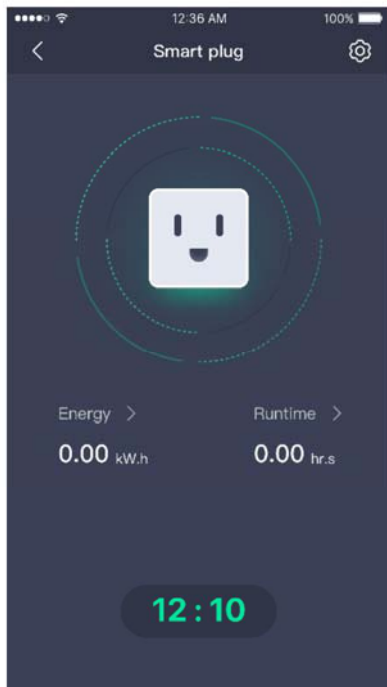
Operation

1 on/ off

Click Plug icon to remote control on/off

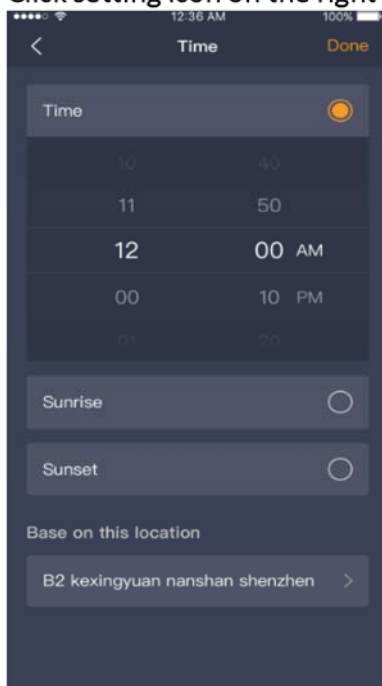
2 timer countdown

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



4 Energy Consumption report

Click the Energy icon from home page in to know Energy consumption report



Manufacturer: LEEDARSON LIGHTING CO., LTD.
XINGDA RD, XINGTAI INDUSTRIAL ZONE, CHANGTAI COUNTY, ZHANGZHOU, FUJIAN,
363900, CHINA

FCC

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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance 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 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.

FCC RF Radiation 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 20cm between the radiator and any part of your body.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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.

:

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

Cet émetteur doit être installé pour fournir une distance de séparation d'au moins 20 cm de toute personne.