GLEDOPTO®

GL-PL-001Z

ZigBee 3.0 Smart Plug with Power Meter User Instruction

EC	REP

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GL-PL-I-001Z

I. Product overview

Gledopto ZigBee smart plug with power meter is a smart home device that can be remotely controlled and monitored via a mobile app. It is compatible with ZigBee 3.0 and can be easily integrated into most smart home systems. The product can measure the power consumption of connected devices and display the data on the app in real-time, helping users to save energy and reduce electricity bills.

II. Product parameters

Rated voltage: AC 200~240V

Frequency: 50/60Hz

Rated current: 10A Max

Minimum load: 3W

Material: Fireproof PC

Size: 50mm*50mm*82mm

Working temperature: -20~45°C

Plug specification: European standard

III. Button function description

1. Short press once: Turn on/off the load.
2. Short press 4 times within 5 seconds: Release the child lock opened by the APP.
3. Long press for 5 seconds: Reset the ZigBee smart plug (resetting will clear the connection of the gateway and the power consumption data).
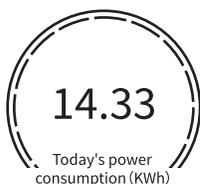
IV. Main functions

APP control	simple operation	time setting
child lock setting	indicator light mode	power consumption data

V. Monitoring data

14.33
Today's power consumption (KWh)

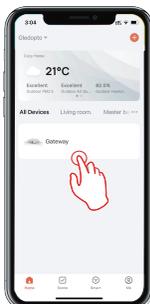| 9459 current (mA) | 2116 power (W) | 223 voltage (V) | 23.88 total power consumption (kWh) |

VI. Real-time monitoring

Real-time monitoring of the current, voltage, and power consumption of the load device. It can also record the power consumption of the load device in different time periods such as year, month, day, and hour, helping users to have a clearer view of the power consumption of the load device. Set the on/off state of the device in different scenarios and remotely monitor the real-time situation of the load appliance.

⚡ Total electricity **14.33**kwh

VII. APP configuration steps

1. Enter the APP (APP: Smart Life, Tuya Smart), click on the smart gateway.

2. Make sure that the ZigBee plug is in the reset state (the indicator light is flashing slowly), and click "Add sub-device".

3. When the indicator light of the ZigBee plug stops flashing and becomes always on, and the APP displays the ZigBee plug icon, it means that the search is successful. Click "Complete" to complete the plug addition.

4. After the addition is successful, you can control and query the ZigBee plug.

VIII. APP function introduction

1. Switch Control

Switch control: Clicking on the switch button or plug icon can turn on/off the ZigBee plug.

2. Timer setting:

1. Countdown

Set any time to flip the plug's switch status after the countdown ends. If there is any switch operation during the countdown, the countdown will automatically cancel.

2. Schedule

Set any time to turn on/off the ZigBee plug.

3. Circulate

Set a time period, then set the opening and closing time of the ZigBee plug, and the plug will cycle on/off according to the above settings.

4. Random

Random timer switch: Set a time period, randomly turn on the ZigBee plug within 2 to X minutes after the start time, and randomly turn off the ZigBee plug within 2 to X minutes before the end time. (X=Interval time/2-2). See figures 14-15.

For example, if the time period is set from 9:00 AM to 10:00 AM, the plug will randomly turn on at any time between 9:02 AM and 9:30 AM, and randomly turn off at any time between 9:30 AM and 9:58 AM.
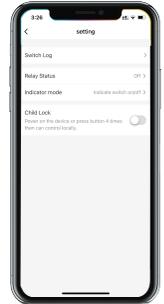
3. Power Usage Data Display

Display today's power consumption, current, power, voltage, and total power consumption. it can also display the amount of electricity used every day.

4. Switch log query

It can query the time and status of each switch operation of the ZigBee smart plug.

5. Power-on state setting

Set the on/off state of the ZigBee plug when it is powered on. There are three states to choose from: off, on (default), and maintain the previous state.
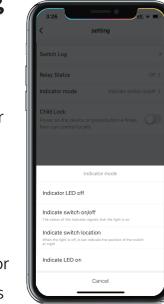
6. Indicator light mode setting

1. Indicator switch
When the smart ZigBee plug is turned on, the indicator light will turn on; when the smart ZigBee plug is turned off, the indicator light will turn off.

2. Indicator position
To facilitate finding the socket in the dark, the indicator light can be set to this mode: when the smart ZigBee plug is turned on, the indicator light will turn off; when the smart ZigBee plug is turned off, the indicator light will turn on.

3. Turn off the indicator light
The indicator light will be off whether the smart ZigBee plug is on or off.

4. Indicator light is always on
The indicator light will be off whether the smart ZigBee plug is on or off.

7.Child lock setting

Enabling child lock can prevent accidental touch of the switch button and avoid the smart ZigBee plug from being turned on/off by mistake.

To disable child lock:

1. Close it using the APP.
2. Turn off the smart ZigBee plug (wait for more than 2 seconds to ensure it is completely turned off) and turn it on again.
3. Press the smart ZigBee plug button four times in a row.

⚠️ **ATTENTION**

1. Use the product under the rated voltage. Overvoltage or undervoltage usage may cause damage.
2. Non-professional users cannot directly disassemble the product, otherwise it may cause fire or electric shock.
3. The working temperature is -20~45°C. Do not use the product in areas with direct sunlight, humidity, high temperature, etc.
4. Do not use the product in metal shielding areas and strong magnetic fields, otherwise it will seriously affect the wireless signal transmission of the product.

DISCLAIMERS

* The data such as the current, power, voltage, and electricity consumption of the load displayed by the APP has an error of about 3% compared to the actual value. The displayed data is for reference only and cannot be used as the basis for electricity charges.

* Our company will update the content of this manual according to the improvement and changes of the product function, and periodically improve and update the software and hardware of the products described in this manual. The update will be displayed in the latest version of this manual without further notice.

* Due to our continuous adoption of new technologies, if there are any changes in the product parameters, we will not notify separately.

* This manual is for user reference and guidance only, and does not guarantee that it is completely consistent with the actual product. The actual application shall prevail.

* The components and accessories described in this manual do not represent the standard configuration of the product. The specific configuration shall be subject to the package.

* All text, tables, and pictures in this manual are protected by relevant national laws and regulations, and may not be used without our company's permission.