



Shelly Plug S Wifi Smart Plug User Guide

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Shelly Plug S Wifi Smart Plug



Product Information

The Shelly Plus Plug S is a WiFi smart plug that allows you to control your appliances remotely. It can be used

standalone or with various other home automation platforms and protocols. The device can be connected to the Shelly Smart Control mobile application and cloud service for enhanced control and features.

Cleaning

Before cleaning the device, make sure to power off the connected appliance and unplug it. Then, unplug the Shelly Plus Plug S. Use a wet soft cloth to clean the device. Avoid using aggressive detergents and do not immerse or wash the device under running water.

Disposal and Recycling

When disposing of the Shelly Plus Plug S, follow the waste disposal regulations for electrical and electronic equipment in your region. Separate collection of waste is applicable in the EU, US, and other countries.

Initial Inclusion

If you choose to use the Shelly Smart Control mobile application and cloud service, refer to the mobile application guide for instructions on connecting the device to the cloud and controlling it through the app. Note that the Shelly mobile application and cloud service are not mandatory for the device to function properly. Keep buttons/switches connected to the device away from children.

LED Indication

The device's LED ring provides indication based on the power limit set:

- The green light at 0% of the power limit set
- Yellow light at 50% of power limit set
- Red light at 100% of power limit set

Specification

For detailed specifications of the Shelly Plus Plug S, refer to the product's specification document.

Declaration of Conformity

The Shelly Plus Plug S complies with relevant safety and quality standards. For the declaration of conformity, refer to the provided document.

Product Usage Instructions

1. Before using the Shelly Plus Plug S, make sure to read and understand the user manual and safety guide.
2. If using the device with the Shelly Smart Control mobile application and cloud service, follow the instructions in the mobile application guide to connect the device to the cloud and control it through the app.
3. When cleaning the device, ensure that the connected appliance is powered off and unplugged. Then, unplug the Shelly Plus Plug S. Use a wet soft cloth to clean the device. Avoid using aggressive detergents and do not immerse or wash the device under running water.
4. Dispose of the Shelly Plus Plug S following the waste disposal regulations for electrical and electronic equipment in your region. Separate collection of waste is applicable in the EU, the US, and other countries.
5. Keep buttons/switches connected to the device away from children to prevent them from playing with them.
6. The LED ring on the device provides an indication based on the power limit set. The green light indicates a 0% power limit, the yellow light indicates a 50% power limit and the red light indicates a 100% power limit.

Read before use

This document contains important technical and safety information about the device, its safety use, and its

installation.

CAUTION! Before beginning the installation, please read carefully and entirely this guide and any other documents accompanying the device. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of law or refusal of legal and/or commercial guarantee (if any). Allterco Robotics EOOD is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure of following the user and safety instructions in this guide.

Product Introduction

Shelly® is a line of innovative microprocessor-managed devices, which allow remote control of electric circuits through a mobile phone, tablet, PC, or home automation system. Shelly® devices can work standalone in a local Wi-Fi network or they can also be operated through cloud home automation services. Shelly Cloud is a service that can be accessed using either an Android or iOS mobile application or with any internet browser at <https://home.shelly.cloud/>. Shelly® devices can be accessed, controlled, and monitored remotely from any place where the user has internet connectivity, as long as the devices are connected to a Wi-Fi router and the Internet. Shelly® devices have an Embedded Web Interface accessible at <http://192.168.33.1> when connected directly to the device access point, or at the device IP address on the local Wi-Fi network. The embedded Web Interface can be used to monitor and control the device, as well as adjust its settings.

Shelly® devices can communicate directly with other Wi-Fi devices through HTTP protocol. An API is provided by Allterco Robotics EOOD. For more information, please visit <https://shelly-api-docs.shelly.cloud/#shelly-family-overview>.

Shelly® devices are delivered with factory-installed firmware. If firmware updates are necessary to keep the devices in conformity, including security updates, Allterco Robotics EOOD will provide the updates free of charge through the device Embedded Web Interface or the Shelly mobile application, where the information about the current firmware version is available. The choice to install or not the device firmware updates is the user's sole responsibility. Allterco Robotics EOOD shall not be liable for any lack of conformity of the device caused by the failure of the user to install the provided updates in a timely manner. Shelly Plus Plug S (The Device) is a smart plug/outlet with power measurement and overheating protection, which allows remote control of electric appliances through a mobile phone, tablet, laptop, or home automation system. It can work standalone in a local Wi-Fi network or it can also be operated through cloud home automation services.

Schematic

- Legend
- A: Socket
- B: Control button
- C: Plug
- D: LED indication ring

Installation Instructions

CAUTION! The product is intended for indoor use only.

CAUTION! Protect the product from dirt and moisture! Do not use the product in a damp environment!

CAUTION! Do not allow children to play with the device, especially with the control button!

CAUTION! Use the Device only with a power grid and appliances that comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device may damage it.

CAUTION! Do not connect the Device to appliances exceeding the given max load!

CAUTION! Do not plug devices into each other!

CAUTION! Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury.

Insert Shelly Plus Plug S into a power socket without an appliance/load connected to it. The LED indication ring will start flashing with a blue light, indicating the Device is in Access Point (AP) mode. You can access the

embedded web

interface at <http://192.168.33.1> in the Wi-Fi network, created by the Device (ShellyPlusPlugS-XXXXXXXXXXXXX) and use it to control the Device and change its settings. You can now plug an appliance into the Device socket. To turn the appliance on, press briefly the control button. The LED indication ring will illuminate. The light color depends on the load (check the LED indication below). Press the control button again to turn the appliance off. The LED indication will return to its previous status.

Cleaning

CAUTION! Before cleaning the Device, power off the connected appliance, unplug it, and only then unplug the Device. Never clean the Device if it is connected to the mains!

Use a wet soft cloth to clean the Device.

CAUTION! Do not use aggressive detergents!

CAUTION! Do not immerse the Device or wash it under running water!

Disposal and recycling

This refers to the waste of electrical and electronic equipment. It is applicable in the EU, the US, and other countries to collect waste separately. This symbol on the product or in the accompanying literature indicates that the product should not be disposed of in the daily waste. Shelly® Plus Plug S must be recycled to avoid possible damage to the environment or human health from uncontrolled waste disposal and to promote the reuse of materials and resources. It is your responsibility to dispose of the device separately from general household waste when it is already unusable.

Initial Inclusion

If you choose to use the Device with the Shelly Smart Control mobile application and cloud service, instructions on how to connect the Device to the Cloud and control it through the Shelly Smart Control app can be found in the mobile application guide. The Shelly mobile application and Shelly Cloud service are not conditions for the Device to function properly. This Device can be used standalone or with various other home automation platforms and protocols.

CAUTION! Do not allow children to play with the buttons/switches connected to the Device. Keep the devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.

LED indication

When plugged in for the first time:

- Blue light flashing, indicating AP mode.
- When plugged/powered again after being successfully connected to a

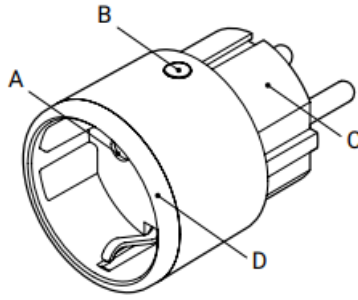
Wi-Fi network:

- Red light flashes, indicating the Device is reconnecting to the Wi-Fi network.

When the output is On

- Power consumption is represented by a smooth color change (Default).
- Users can select the brightness (Default brightness – 100%):
- The green light at 0% of the power limit set
- Yellow light at 50% of power limit set
- Red light at 100% of power limit set

- Custom color (Default color – green, Default brightness – 100%)
- Off



When the output is Off

- Off (Default):
- Custom color (Default color – red, Default brightness – 100%)
- When the control button is pressed and held for 3 sec (only when the Device output is Off):
- Red light flashes three times, indicating the Device is not connected to the Wi-Fi network.
- The yellow light flashes three times, indicating the Device is connected to the Wi-Fi network, but not to Shelly Cloud.
- A green light flashes three times, indicating the Device is connected to Shelly Cloud.

Control button

- Press to turn on/off the plugged appliance.
- Press and hold for 3 sec to check the Device status*.
- Press and hold for 5 sec to activate Device AP**
- Press and hold for 10 sec to factory reset**
- Only when the output is Off.
- Only within 1 min after plugging/powering the Device.

Specification

- Dimensions (HxWxD): 44x44x70 mm / 1.73x1.73x2.75 in
- Weight: 60 g / 2.08 oz
- Compatible sockets: CEE 7/1, CEE 7/3 (Type F / Schuko) or CEE 7/5 (Type E)
- Compatible plugs: CEE 7/2, CEE 7/4 (Type F / Schuko), CEE 7/7, CEE 7/16 (Type C) or CEE 7/17
- Ambient temperature: from -20 °C to 40 °C / from -4 °F to 104 °F
- Humidity: 30 % to 70 % RH
- Max. altitude 2000 m / 6.562 ft
- Power supply: 230 VAC \pm 10 %, 50/60 Hz
- Electrical consumption: < 1 W
- Max. current: 12 A
- Max. power: 2500 W (resistive load only)
- Overheating protection: Yes
- Overload protection: Yes

- Power measurement: Yes
- RF band: 2400 – 2495 MHz
- Max. RF power: < 20 dBm
- Wi-Fi protocol: 802.11 b/g/n
- Wi-Fi operational range (depending on local conditions)
- up to 50 m / 160 ft outdoors
- up to 30 m / 100 ft indoors
- Bluetooth protocol: 4.2
- Bluetooth operational range (depending on local conditions):
 - up to 30 m / 100 ft outdoors
 - up to 10 m / 33 ft indoors
- CPU: ESP32
- Flash: 4 MB
- Schedules: 20
- Webhooks (URL actions): 20 with 5 URLs per hook
- Scripting: JMS
- MQTT: Yes

Declaration of conformity

Hereby, Allterco Robotics EOOD declares that the radio equipment type Shelly Plus Plug S is in compliance with Directive 2014/53/EU, 2014/35/ EU, 2014/30/EU, and 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: <https://shelly.link/plus-plug-s-DoC>

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Changes in the contact information data are published by the Manufacturer on the official website. <https://www.shelly.cloud> All rights to the trademark Shelly® and other intellectual rights associated with this Device belong to Allterco Robotics EOOD

Documents / Resources



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Plug S Wifi Smart Plug, Plug S, Wifi Smart Plug, Smart Plug, Plug

References

- [🌐 Shelly Home](#)
- [🔗 Welcome to Shelly Technical Documentation | Shelly Technical Documentation](#)
- [🔗 Shelly Plus Plug S](#)
- [🔗 Shelly - Shelly](#)