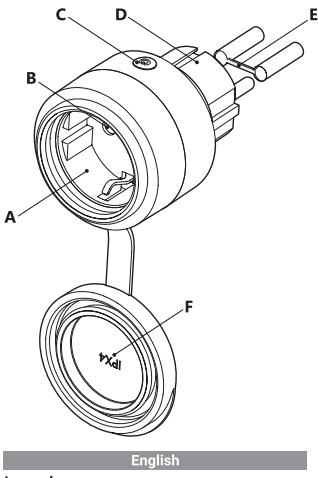




English

Legend

- A: LED indication
B: Socket
C: Control button
D: Plug
E: Pin protector
F: Protective cap

English

User and safety guide

Outdoor Plug S Gen3

Smart Wi-Fi and Bluetooth plug for outdoor use

Referred to in this document as “the Device”

- This sign indicates safety information.
 This sign indicates an important note.

Safety information

For safe and proper use, read this guide, and any other documents accompanying this product. Keep them for future reference. Failure to follow the installation procedures can lead to malfunction, danger to health and life, violation of law, and/or refusal of legal and commercial guarantees (if any). Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure to follow the user and safety instructions in this guide.

⚠WARNING! Do not use the Device to power or control the on/off status of life support equipment.

⚠WARNING! Do not use the Device to operate equipment when inaccurate timing or accidental on/off commands could be dangerous. Examples of such equipment are saunas, sunlamps, electric blankets, etc.

⚠CAUTION! Connect the Device only to 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 can cause fire, property damage, and electric shock.

⚠CAUTION! The Device may be connected to and control only electric circuits and appliances that comply with the applicable standards and safety norms.

⚠CAUTION! Do not connect the Device to appliances that exceed the specified maximum electric load.

⚠CAUTION! Immediately unplug the Device from the power outlet if it emits smoke, makes noise or has an unusual smell.

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

⚠CAUTION! The circuit on which the Device is operated must be secured by a cable protection switch in accordance with EN60898-1 (tripping characteristic B or C, max. 16A rated current, min. 6 kA interrupting rating, energy limiting class 3).

⚠CAUTION! Do not use the Device if it shows any sign of damage or defect.

⚠CAUTION! Do not attempt to repair the Device yourself.

⚠CAUTION! Do not plug Devices into each other.

⚠CAUTION! Do not plug in any direct plug-in equipment in the Device. Examples of direct plug-in equipment include plug-in transformers, battery rechargers, etc.

⚠CAUTION! Do not operate covered.

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

The Device comes with factory-installed firmware. To keep it updated and secure, Shelly Europe Ltd. provides the latest firmware updates free of charge. Access the updates through either the embedded web interface or the Shelly Smart Control mobile application. Installation of firmware updates is the user's responsibility. Shelly Europe Ltd. shall not be liable for any lack of conformity of the Device caused by the failure of the user to install the available updates in a timely manner.

Product description

Outdoor Plug S Gen3 (the Device) is a smart weatherproof plug with Matter support. It allows remote control of electrical appliances via a mobile phone, tablet, PC, or home automation system, featuring power measurement and over-heating protection. The device can operate standalone on a local Wi-Fi network or be controlled through cloud-based home automation services.

The Device has an embedded web interface used to monitor, control, and adjust the Device. The web interface is accessible at <http://192.168.33.1> when connected directly to the Device access point or at its IP address when you and the Device are connected to the same network.

The Device can access and interact with other smart devices or automation systems if they are in the same network infrastructure. Shelly Europe Ltd. provides APIs for the devices, their integration, and cloud control. For more information, visit <https://shelly-api-docs.shelly.cloud>.

Installation instructions

⚠CAUTION! Before you plug in an appliance into the Device, make sure that the Device output is turned off.

⚠CAUTION! Always keep the protective cap closed when no appliance is connected to ensure protection from dust, moisture, and damage. Leaving the cap open may compromise the safety and durability of the plug.

For security reasons, after you successfully connect the Device to the local Wi-Fi network, we recommend that you disable or password-protect the Device AP (Access Point).

To perform a factory reset of the Device, press and hold the Reset/control button for 10 seconds.

To enable the access point and the Bluetooth connection of the Device, press and hold the Reset/control button for 5 seconds.

1. Remove the pin protector (E) from the Outdoor Plug S Gen3 and dispose of it according to local regulations.
2. Insert the plug into a power socket without an appliance/load connected to it. The LED indication starts 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 (ShellyOutdoorsG3-XXXXXXXXXX) and use it to control the Device and change its settings.
3. Open the protective cap (F).
4. You can now plug an appliance into the Device socket (B).
5. To turn on the appliance, briefly press the control button (C). The LED indication (A) lights up. The light color varies with the appliance's power consumption (see section LED Indications below).
6. To turn off the appliance, briefly press the control button one more time. The LED indication returns to its previous status.

LED indications

When plugged 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 flashing, indicating the Device is reconnecting to the Wi-Fi network.

Configurable LED settings when output is On:

- Power consumption represented by a smooth color change (Default).
- User can select the brightness (Default brightness - 100%):
 - Green light at 0% of 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%)
- LED disabled

Configurable LED settings when output is Off:

- LED disabled (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.
- Yellow light flashes three times, indicating the Device is connected to the Wi-Fi network, but not to Shelly Cloud.
- 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.

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 power grid.

⚠CAUTION! Do not use aggressive detergents.

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

Use a soft damp cloth to clean the Device.

Disposal and recycling

This refers to the waste of electrical and electronic equipment. It is applicable in the EU, 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 Outdoor Plug S Gen3 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.

Specifications

Physical

Size (HxWxD): 44x44x70 ±0.5 mm / 1.73x1.73x2.75 ±0.02 in

Weight: 60 ±1 g / 2.08 ±0.04 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

Shell material: Plastic with Silicone Rubber Protective Cover for the Outlet

Shell color: Mocha

Environmental

Ambient working temperature: -25°C to 51°C / -13°F to 125°F

Humidity: 15% to 85% RH

Max. altitude: 2000 m / 6562 ft

Glow-wire temperature: 750 °C

Pollution degree: 2

Required forced cooling: No

Degree of protection: IP44

Electrical

Power supply: 230 V~ 50 Hz

Power consumption: < 1 W

Rated impulse-withstand voltage: 2500 V

Output circuits ratings

Max. switching voltage: 230 V~

Max. switching current: 12 A

Max. output power: 2500 W (resistive load only)

Number of switching cycles: 10000

Overvoltage category: II

Duty-type: S1

Switch type: One-way

Switch configuration: SPNO (Single-Pole, Normally-Open)

Type of circuit disconnection: Micro

Sensors, meters

Internal-temperature sensor: Yes

Voltmeter (AC): Yes

Ammeter (AC): Yes

Power and energy meters: Yes

Radio

Wi-Fi

Protocol: 802.11 b/g/n

RF band: 2401-2473 MHz

Max. RF power: < 10 dBm

Range: Up to 50 m / 164 ft outdoors, up to 30 m / 98 ft indoors (depending on local conditions)

Bluetooth

Protocol: 4.2

RF band: 2400 - 2483.5 MHz

Max. RF power: < 4 dBm

Range: Up to 30 m / 98 ft outdoors, up to 10 m / 33 ft indoors (depending on local conditions)

Microcontroller unit

MCU: ESP-Shelly-C38F

Flash: 8 MB

Firmware capabilities

Webhooks (URL actions): 20 with 5 URLs per hook

Scripting: Yes

MQTT: Yes

Shelly Cloud inclusion

The Device can be monitored, controlled, and set up through our Shelly Cloud home automation service. You can use the service through either our Android, iOS, or Harmony OS mobile application or through any internet browser at <https://control.shelly.cloud/>.

If you choose to use the Device with the application and Shelly Cloud service, you can find instructions on how to connect the Device to the Cloud and control it from the Shelly app in the application guide: <https://shelly.link/app-guide>.

Troubleshooting

In case you encounter problems with the installation or operation of the Device, check its knowledge base page: https://shelly.link/outdoor_plug_gen3

Declaration of Conformity

Hereby, Shelly Europe Ltd. declares that the radio equipment type Outdoor Plug S Gen3 is in compliance with Directive 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://shelly.link/outdoor_plug_gen3_DoC

Manufacturer: Shelly Europe Ltd.

Address: 51 Cherni Vrah Blvd., bldg. 3, fl. 2-3, 1407 Sofia, Bulgaria

Tel.: +359 2 988 7435

E-mail: support@shelly.cloud

Official website: <https://www.shelly.com>

Changes in contact information are published by the Manufacturer on the official website.

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