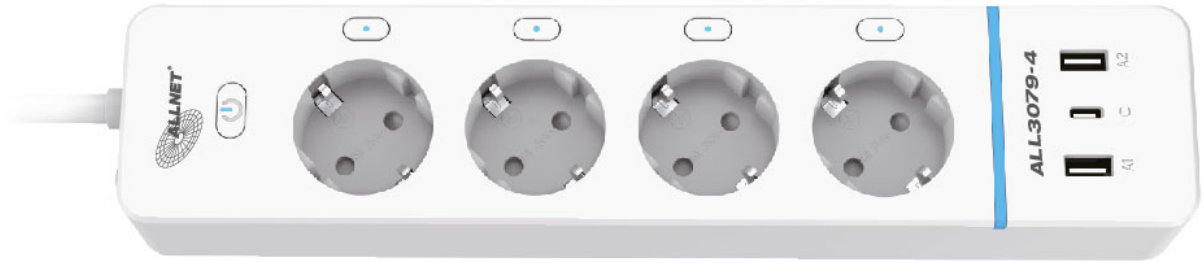
Quick Start Guide

ALLNET ALL3079 / ALL3079-S / ALL3079-4

Product No.: 247401 / Item No. 248209 / Item No. 249447



General

What are smart plugs?

Smart plugs are intelligent adapters that allow you to integrate conventional electrical devices into a smart home system. They enable you to switch devices on and off remotely via Wi-Fi or via end devices with an integrated browser and offer additional functions such as scheduling and energy monitoring.

The **ALLNET ALL3079 series** is available in several versions:

As a single version with 16 A switching capacity and USB charging function (**ALL3079**),
in a compact "small" version with a maximum of 10 A (**ALL3079-S**)
and as a 4-way version with USB charging function (**ALL3079-4**).

The **ALL3079 series smart plugs** can be configured and switched either via IP using a compatible HTML browser or via an Android app.

Technical details:

ALL3079 Single Plug 16A with USB charging function

Component	Technical details
Processor	Espressif ESP32-C6
Processor type	Espressif ESP32
Switching capacity Relay 1 Safety socket	16A / 3680W
Switching capacity relay 2 USB ports	MAX 30W PD fast charging
USB charging ports	1x USB A 2x USB-C

LED switching status	Blue = Relay 1 safety socket on Off = Relay 1 grounded socket off
Timer function	YES The timer can be configured for ON or OFF for both relay 1 grounded socket and relay 2 USB ports.
Schedules	Mon-Sun based on absolute time or sunrise/sunset can be configured for both relay 1 and relay 2.
Alarms	Alarms can be configured in the schedules. The SMTP server must be configured under "Advanced View" in the Alarms tab.
Protection settings & default status	Both the MAX current in amperes and the default status in the event of a power failure can be configured.
MQTT	Sockets can be switched via MQTT. MQTT data can be configured by the user.
Special features	Energy-efficient performance, fanless design, ideal for streaming & analysis

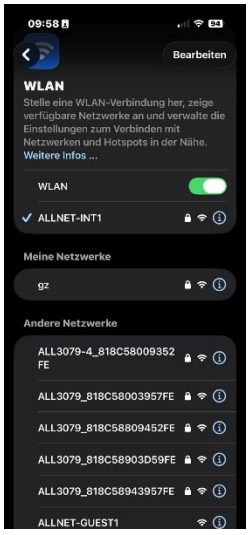
Commissioning

Please note:
The ALL3079 series smart plugs can be configured and controlled either via a compatible HTML browser (using the IP address) or via an Android app using Bluetooth Low Energy (BLE).

Commissioning via IP (AP mode)

The smart plugs have a so-called access point (AP) mode in which they transmit their own SSID in the 2.4 GHz WLAN.
The SSID consists of the respective plug name and the WLAN MAC address to enable clear differentiation when using multiple devices.

Example (ALL3079):
SSID: ALL3079_818C580039557FE



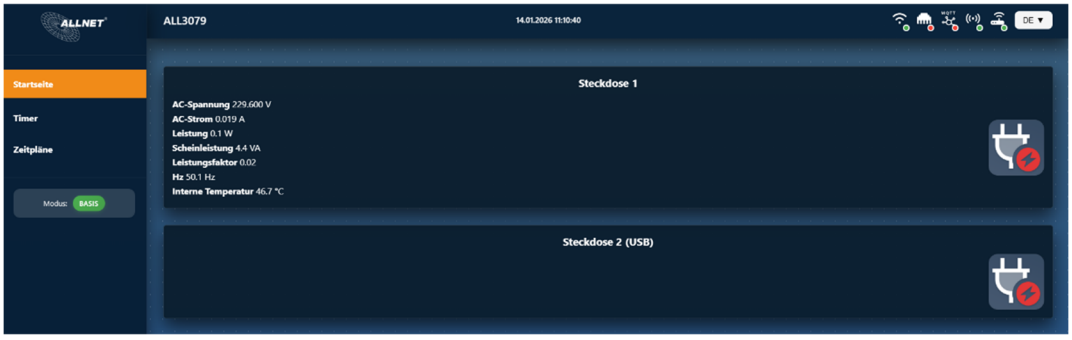
Default password for ALL3079 series smart plugs:
Allnet7652

IP address in AP mode:
192.168.4.4

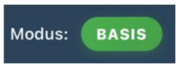
Open a web browser (e.g., Chrome, Firefox, or Edge) on your device and go to http://192.168.4.4.
The configuration page will then be displayed.

Mobile view "Smartphones"

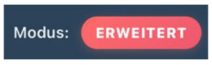
PC browser view



The WebGUI offers two modes: Basic and Advanced.



Basic mode includes the home page as well as timer and schedule functions.



Advanced mode also includes extensive system and device settings, such as power strip settings, SMTP configurations, location display, and update functions.
Click on "Basic" or "Advanced" to switch between modes.

Commissioning in the local WiFi network

In order for the ALLNET plugs to be integrated into your existing WiFi network, they must be configured under "Mode: Advanced" on the "General Settings" page.
WLAN and network configuration

There are **two options** for connecting the smart plug to your WLAN:

Establish a WiFi connection

Option 1: Manual entry

Enter the **Wi-Fi name (SSID)** and the corresponding **password** manually and confirm your entry with **"Save**."

Option 2: Wi-Fi scan

Press the **scan button** to search for available Wi-Fi networks in the area.

Then select your desired access point (SSID) from the **"Select Wi-Fi"** drop-down field, enter the password, and click **"Save**."

IP address mode

There are also **two operating modes** available for network configuration:

- **DHCP (default):**
  The IP address is automatically assigned by the router.
- **Static IP address:**
  If you select "Static," the following parameters must be entered manually:
  - IP address
  - Subnet mask
  - Gateway
  - DNS server

AP mode

In the same menu, you can specify whether the **AP mode** of the smart plug should remain enabled or disabled.

For security reasons, it is recommended that you deactivate AP mode after successfully connecting to the WLAN.

Additional settings

Additional configuration options are available in the other submenus, including:

- NTP settings (time synchronization)
- MQTT settings
- Behavior of the sockets in the event of a power failure
- Location configuration
- Timer and schedule functions
- Alarm and notification settings
- and much more

Safety Instructions

Please be sure to observe the following instructions:

General notes

- Only use the device for the purpose it was designed.
- Only use the device as described in the Quick Start Guide or manual.
- Any other use is considered improper and may result in property damage.
- Neither ALLNET® nor the dealer accepts liability for damage caused by improper or incorrect use.
- All safety instructions must be read through.
- The manual should be kept for future reference.

Mounting instructions

- NEVER place the device near radiators, air conditioners or water sources. This greatly increases the risk of electric shocks, short circuits or fire.
- The humidity should be between 20% and 80%, otherwise condensation may occur.
- Protect the device from direct sunlight, extreme heat, open fire and dust. Otherwise, the risk of electric shocks, short circuits or fire increases.
- Never place the device on surfaces that are sensitive to heat.
- Do not use the device in damp rooms and under no circumstances in potentially explosive areas.
- The device is designed for use in enclosed spaces.

Operating notes

- Operate the device only with the voltage indicated on the device or on the included power supply unit.
- Any batteries present are only to be replaced with the same or an equivalent type.
- Do not use obviously defective devices. If the unit does not operate normally – especially if unusual odors or noises occur – unplug the power cord from the socket immediately.
- Never expose the device to direct sunlight during operation.
- Never operate the device near sources of heat.
- Protect the device from moisture, dust, liquids and vapors.
- Never open the device.

- Work on the device may only be carried out when the device has been disconnected from its power source.
- The device may only be operated by persons who have read the instructions or have been instructed in its operation by a competent person.

Instructions for repair and maintenance.

- Repairs may only be carried out by trained, authorized personnel.
- Regular maintenance is not necessary.
- Never open the device.
- For cleaning work, disconnect the device from its power source.
- Do not use any cleaning agents containing solvents for cleaning, but only a soft, dry antistatic cloth.
- It is forbidden to make any modifications to the unit.
- Damaged devices or damaged components may no longer be used.

ALLNET GmbH Computersysteme declares that the device **ALL3079-xx Plugs** is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. The Declaration of conformity can be found under this link: http://ce.allnet.de

ALLNET GmbH Computersysteme
Maistrasse 2
82110 Germering

Tel.: +49 (0)89 894 222 - 22
Fax: +49 (0)89 894 222 - 33
Email: info@allnet.de

CE Marking is the symbol as shown above. The letters “CE” are the abbreviation of the French phrase “Conformity European” which literally means “European Conformity”. The terms initial use was as the “EC Mark”. With the Directive 93/68/EEC from 1993 it was officially replaced by the “CE Marking”. Nowadays the “CE Marking” is used in all EU official documents.

NOTE

DE13101093

This symbol on the product or on its packaging indicate that this product is not to be disposed with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of electrical waste or electronic equipment. The separate collection and recycling of your waste equipment will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment. For more information about where you can dispose your waste equipment, please contact your local city office, your household disposal service or the shop where you purchased the product.

This recycle logo indicates that this product can be recycled, not that the product has been recycled. It is possible that this device will not be accepted in all recycling collection systems.

The recycling codes are used to guarantee the correct handling of waste. It is an internationally recognized classification that assigns a unique number to each waste material. This number provides information on how the waste material can best be recycled to ensure the least possible impact on the environment. The code PAP 22 describes these instructions for the device, which were printed on paper. They should be disposed of through the usual recycling channels, such as waste paper collection points.

The RoHS directive aims to restrict certain dangerous substances commonly used in electronic and electronic equipment. This RoHS compliant symbol indicate the component is tested for the presence of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE). For Cadmium and Hexavalent chromium, there must be less than 0.01% of the substance by weight at raw homogeneous materials level. For Lead, PBB, and PBDE, there must be no more than 0.1% of the material, when calculated by weight at raw homogeneous materials. Any RoHS compliant component must not have more than 100 ppm of mercury and the mercury must not have been intentionally added to the component.