ALLNET ESP32 WiFi smart plug ALL3079 incl. power measurement & USB charger, 2-in-1 WiFi smart plug & USB charger
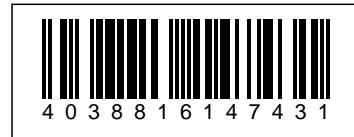
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Highlights:

- **2-in-1 smart socket with USB fast charging**

- **Up to 30 W Power Delivery** via 2× USB-C and 1× USB-A

- **Powerful earthed socket outlet** up to 16 A / 3680 W with power measurement

- **ESP32-C6 processor** for fast and stable control

- **WLAN (2.4 GHz) & BLE 5.1** for flexible connectivity

- **Schedules, timers & alarms** individually configurable

- **MQTT-capable** – ideal for smart home integrations

- **Integrated power meter** (V, A, W, Hz, power factor, apparent power)

- **Safety functions** with current limiting & behaviour in the event of a power failure

The intelligent smart socket combines **powerful energy supply**, **modern USB fast charging** and **comprehensive smart home functions** in one compact device. Thanks to the integrated **ESP32-C6 processor** and support for **WiFi 2.4 GHz and Bluetooth Low Energy 5.1**, stable, fast and flexible control is guaranteed at all times.

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The **protective contact socket** reliably switches loads up to **16 A or 3680 W** and also offers **integrated power measurement**, which allows you to keep an eye on voltage, current, power and energy consumption at all times. At the same time, **two USB-C ports and one USB-A port** enable convenient charging of smartphones, tablets or other devices with **up to 30 W Power Delivery Fast Charging**.

Customised **timer and time schedules**, either according to time or sunrise and sunset, ensure maximum automation. The socket can be seamlessly integrated into existing smart home systems via **MQTT**. Additional **protective functions**, such as the configuration of the maximum current and definable behaviour in the event of a power failure, increase safety and reliability in everyday life.

Whether as a smart socket, USB charging station or smart home control centre, this device combines **convenience, performance and control** in a modern, space-saving design.. .

Component	Technical details
Processor	Espressif ESP32-C6-Mini-1
Switching capacity relay 1 socket outlet with earthing contact	16 A / 3680 W with power metering
Switching capacity relay 2 USB ports	Max. 30 W PD Fast Charging
Communication mode	WiFi 2.4 GHz or BLE 5.1
USB charging ports	1× USB-A 2× USB-C
LED switching status	Blue = Relay 1 socket outlet with earthing contact on Off = Relay 1 socket outlet with earthing contact off
Timer function	Yes Timer can be configured for ON or OFF for both relay 1 protective contact and relay 2 USB ports
Time schedules	Mo–So, based on absolute time or sunrise/sunset, configurable for relay 1 and relay 2.
Alarms	Alarms can be configured in the schedules. The SMTP server must be set up under "Advanced view" in the Alerts tab.
Protection settings & Default status	Configuration of the maximum current (amperes) and the default status in the event of a power failure is possible
MQTT	Sockets can be switched via MQTT. MQTT data is freely configurable
Integrated power meter	Volts / amps / watts / Hz / power factor / apparent power
Integrated charging function for USB	Max. 30 W (2× USB-C + 1× USB-A) fast charging USB-C1 / USB-C2 single port output: 5 V==3 A, 9 V==3 A, 12 V==2.5 A, 15 V==2 A, 20 V==1.5 A

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	USB-A single port output: 5 V==3 A, 9 V==3 A, 12 V==2.5 A USB-A + USB-C multi-port output: 5 V==3 A
Button / switch	ON / OFF button
Dimensions	98 × 65 × 72 mm
Environment	-10 °C to +35 °C
How to use	Plastic, white

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