

User Manual MINI-1GP (EN)



Matter Over WiFi Power Meter

Use Manual V1.0

Product Introduction

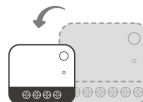
MINI-1GP is a compact smart energy meter (requires a neutral wire connection) that monitors device power consumption in real time and tracks electricity costs. It supports up to a 16A load for safe operation. With Matter support, local web monitoring, and local API, it integrates seamlessly with multiple ecosystems for a more flexible home automation experience.



APP Monitoring



Smart Scenes



More Compact



Energy Monitoring



Matter Support



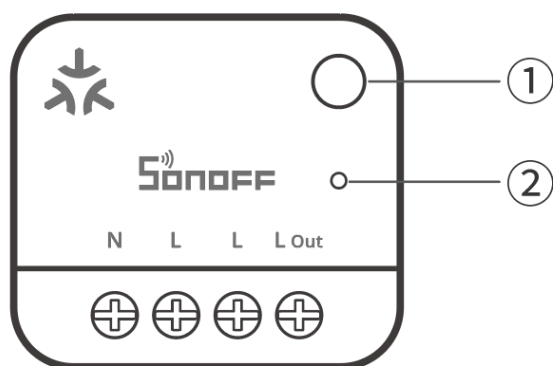
Local Web Control



Local API



Up to 16A Support



① Button

- Press and hold for 5 seconds: Device enters pairing mode and activates AP hotspot
- Press and hold for 10 seconds: Factory reset

② LED Indicator (Blue)

- Keeps on: Device is online.

② LED Indicator (Red)

- Flashes two short and one long: Device is in pairing mode.
- Keeps on: Connected to LAN only
- Slow flashing: Device is offline
- Fast flash: Factory Reset

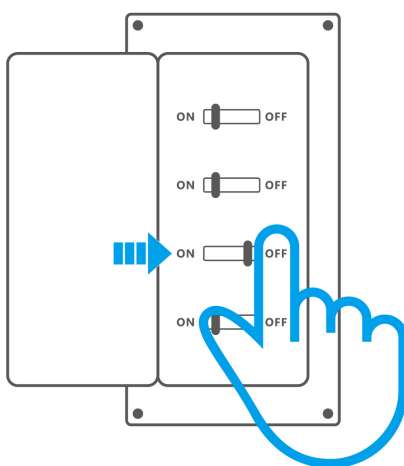
Specification

MINI PM (Matter Over WiFi Version)	
Product Series	MINI Extreme Series Gen5
Product Name	Matter Over WiFi Power Meter
Product Model	MINI-1GP
MCU	ESP32C6
Rating	100-240V~ 50/60Hz 16A
Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
Net Weight	14g

Dimensions	32×29×15.9mm
Color	White
Casing Material	PC
Diameter of Wiring (Recommended)	18 AWG to 14 AWG (0.75mm ² to 2.5mm ²) SOL/STR copper conductors only
Applicable Place	Indoor flush mounting
Working Temperature	10T40 (−10°C~40°C)
Working Humidity	10%~90% RH, non-condensing
FCC ID	2APN5-MINI1GP
Certification	CE/RoHS/FCC

Device Installation

1. Power off

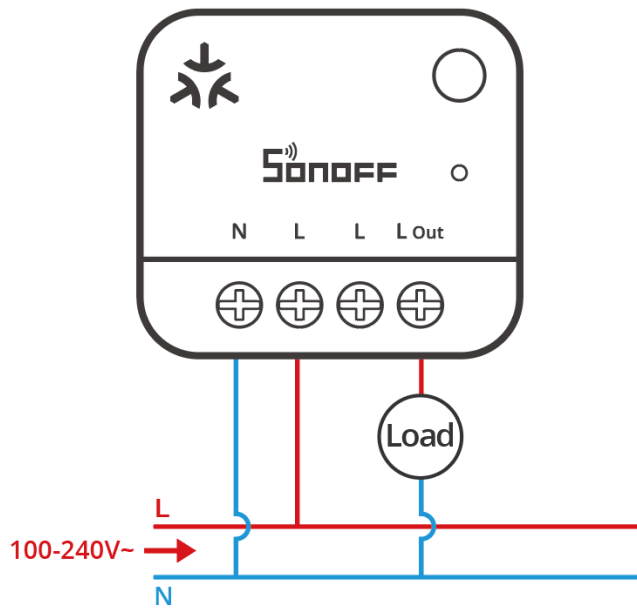


Warnings:

1. Please install and maintain the device by a professional electrician. To avoid electric shock hazard, do not operate any connection or contact the terminal connector while the device is powered on!

- To ensure the safety of your electrical installation, it's essential either a Miniature Circuit Breaker (MCB) or a Residual Current operated Circuit-breaker with Integral Overcurrent protection(RCBO) with an electrical rating of 16A has been installed before the MINI-1GP.
- For single-phase use only (100–240V~). Connecting to multiple phases may result in damage to the device.

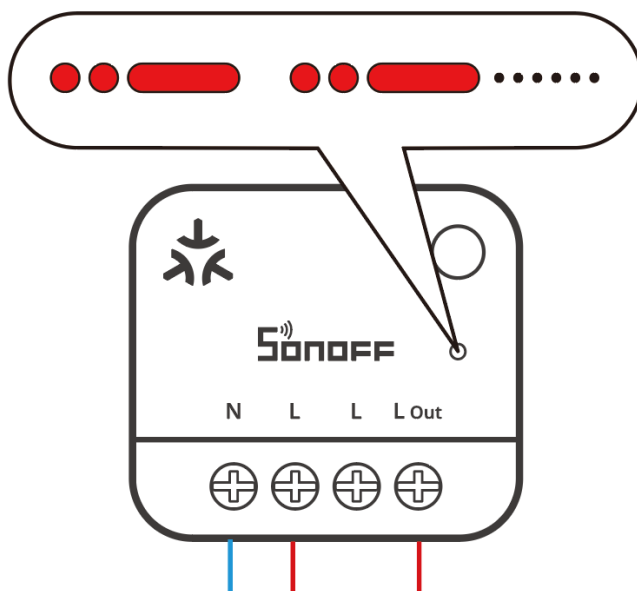
2. Wiring instruction



Terminals		Wires	
N	Neutral wire	N	Neutral wire
L	Live wire	L	Live wire (100~240V)
L	Live wire	L	Live wire (100~240V)
L Out	Live wire output		

⚠ Ensure wiring is connected correctly.

3. Power on



After powering on, the device will enter the Pairing Mode during the first use. The LED indicator changes in a cycle of two short and one long flash and release.

❗ The device will exit the Pairing Mode if not paired within 10mins. If you want to enter this mode, please long press button for about 5s until the LED indicator changes in a cycle of two short and one long flash and release.

Matter Ecosystem User Guide

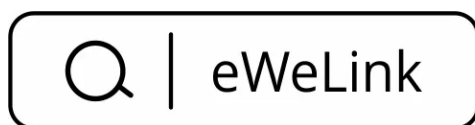
Open the Matter-compatible App and scan the Matter QR code on the device to add it.



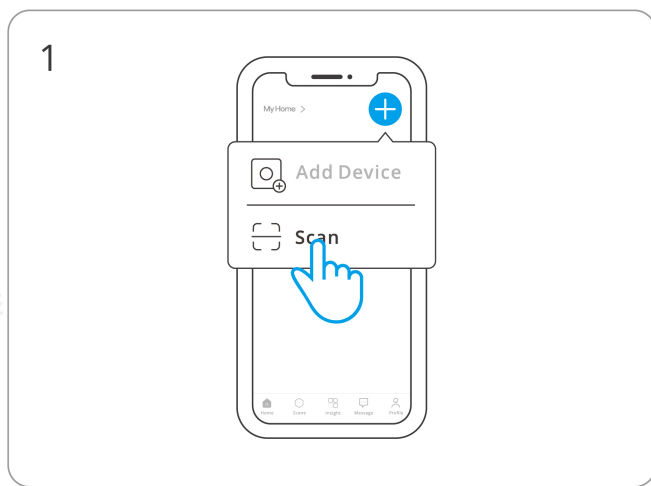
eWeLink Ecosystem User Guide

① Download the eWeLink App

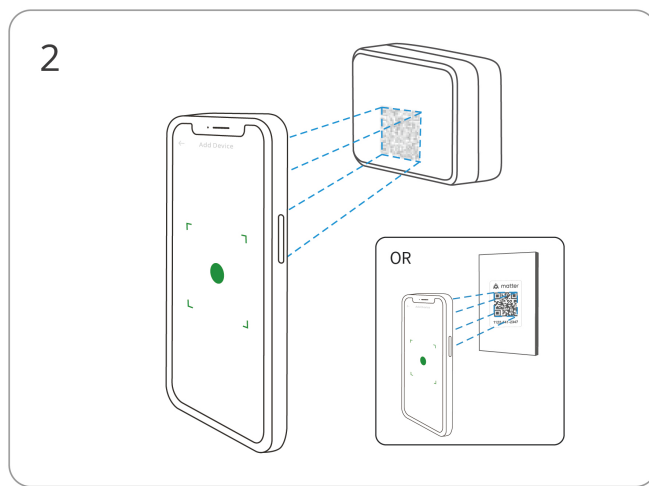
Please download the "eWeLink" App from the **Google Play Store** or **Apple App Store**.



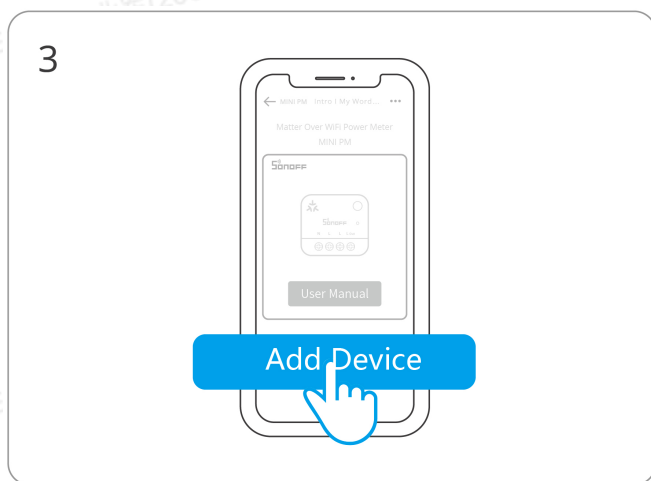
② Add Device



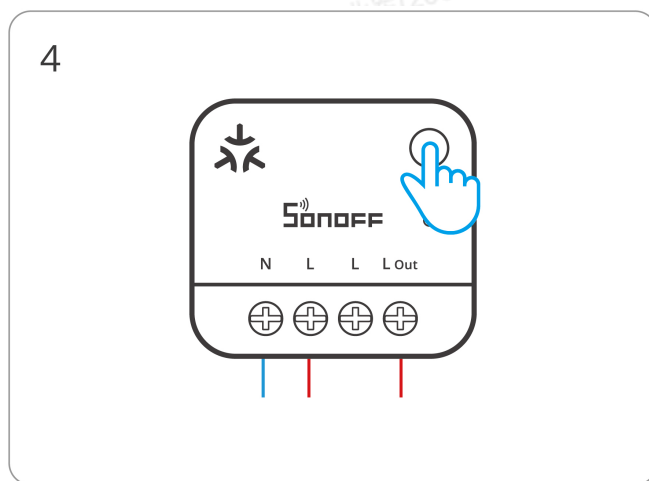
Enter "Scan"



Scan the QR code on the quick guide or the device

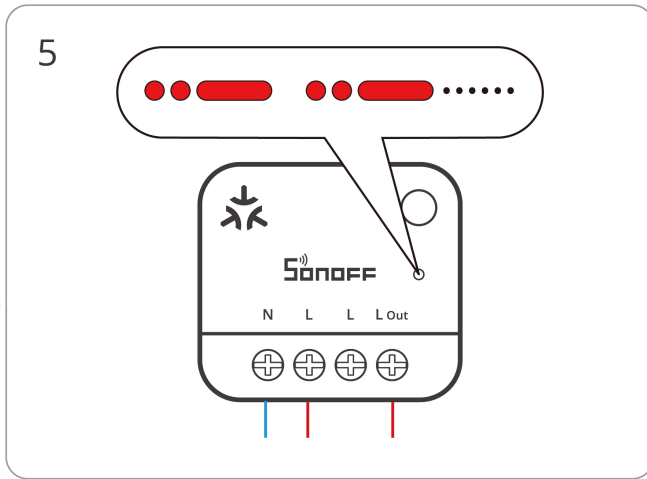


Select "Add Device"

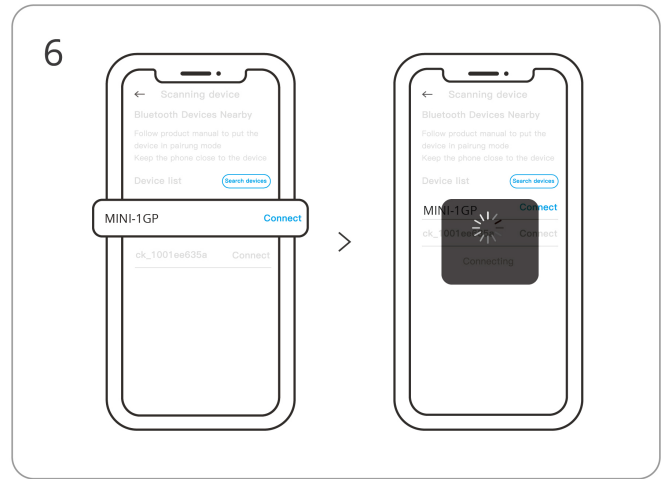


(If the device exits pairing mode)

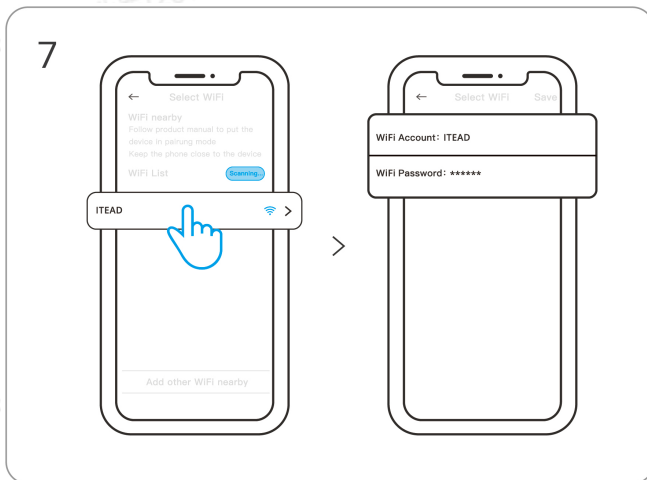
Long press the button for 5 seconds



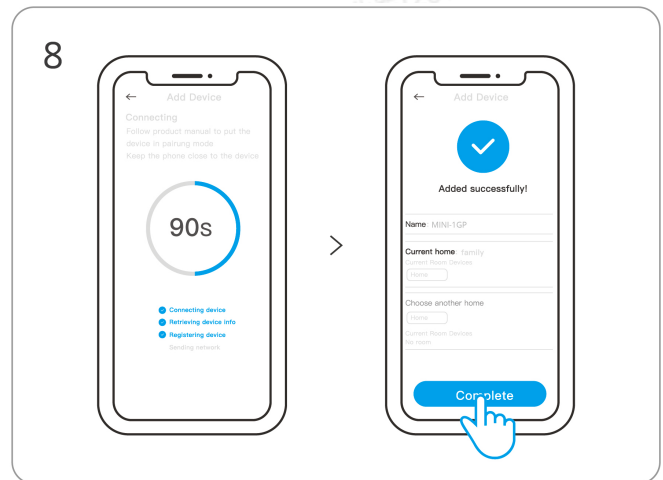
Check LED indicator flashing status (Two short and one long)



Search for the device and start connecting



Select the "Wi-Fi" network and enter the password



Device "Added completely"

Web Console Guide

Method 1: Access via AP Hotspot

When the device is in pairing mode, it will automatically enable an **AP** hotspot. Please connect to the device hotspot **SONOFF_1GP_XXXX**, then enter the following in your browser:

192.168.33.1

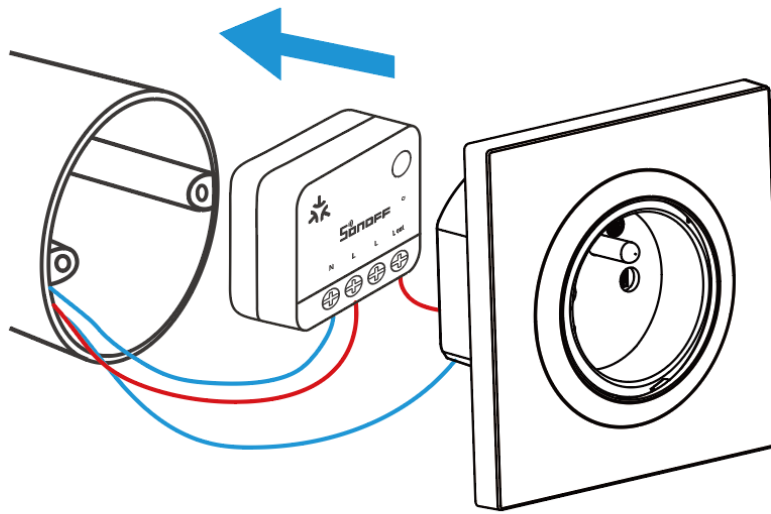
to access the **Web** console.

Method 2: Access via LAN

After the device has completed network configuration, when you are on the same local network as the device, you can directly enter the following in your browser:

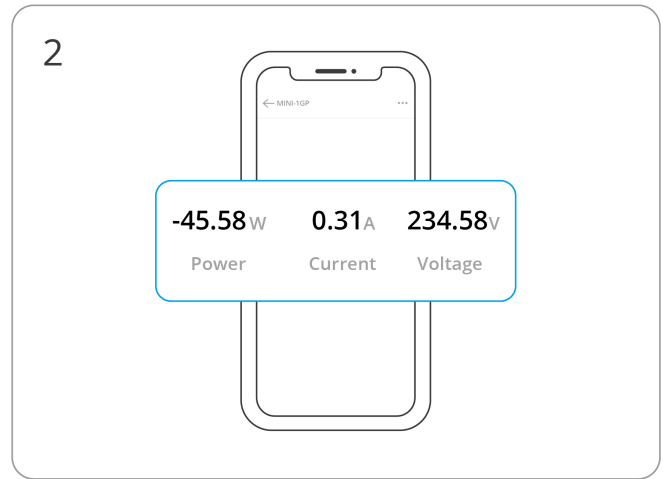
MINI-1GP.local or the device's **IP** address
to access the **Web** console.

Install the Device in an Electrical Box



Energy Monitoring Instructions

After adding the device to the eWeLink App, select the device on the home screen to access the main interface, where you can view voltage, current, and power information.



Factory Reset

Trigger conditions (any of the following):

- Tap "Factory Reset" in the eWeLink App.
- Tap "Factory Reset" on the web console.
- Press and hold the device button for 10 seconds.

FCC compliance statement

Responsible Party Name: SONOFF TECHNOLOGY LLC

Address: 14777 NE 40th St, Suite 201 Bellevue, WA 98007

Email Address: usres@itead.cc FCC ID: 2APN5-MINI1GP

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and

used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

EU Declaration of Conformity

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type MINI-1GP is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://sonoff.tech/compliance/>

For CE Frequency

EU Operating Frequency Range:

Wi-Fi: 802.11 b/g/n20 2412–2472 MHz, 802.11 n40: 2422–2462 MHz

BLE: 2402–2480 MHz

EU Output Power:

Wi-Fi 2.4G≤20dBm

BLE≤10dBm

Under normal use of condition, this equipment should be kept a separation distance of at least 20 cm between the antenna and the body of the user.

WEEE Disposal and Recycling Information



WEEE Disposal and Recycling Information All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

Scatola	Manuale
PAP 21	PAP 22
Carta	Carta
RACCOLTA DIFFERENZIATA	
Verifica le disposizioni del tuo Comune. Separa le componenti e conferiscile in modo corretto.	



Manufacturer: Shenzhen Sonoff Technologies Co., Ltd.

Address: 3F & 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, 518000, China

Service email: support@itead.cc

Website: sonoff.tech

Made in China



Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

