

# User Manual WS01TPF-E (EN)



Matter Over WiFi Smart Wall Socket

User Manual V1.0

## Introduction

The WS01TPF-E is a smart socket supporting 2.4GHz Wi-Fi connectivity, compatible with a Type F plug, with a maximum load current of 16A. Its fire-resistant housing design ensures electrical safety. Beyond power consumption tracking and electricity cost calculation, it features overload protection and overcharge protection. Through integration with the Matter ecosystem, the WS01TPF-E seamlessly connects with various smart home systems.



Matter Compatibility



Energy Overview



Electricity Bill  
Tracking



Overload Protection



Overcharge  
Protection



Timer Schedule



Smart Scene



Flame-retardant  
Materials

### ① Button

- Short-press: Turn on / off the device.
- Press and hold for 5 seconds: Device enters the pairing mode. (Pairing time 10 minutes)

### ② Wi-Fi LED Indicator (Blue)

#### eWeLink Mode

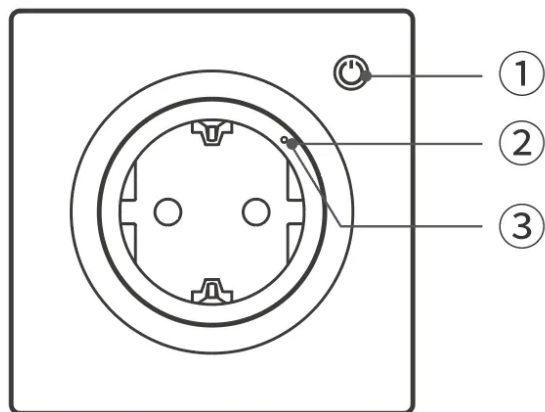
- Flashes two short and one long: Device is in pairing mode.
- Keeps off: Device is online.
- Flashes once: Device is offline.
- Flashes twice: Device is connected to the router but not to the cloud.

#### Matter Mode

- Flashes two short and one long: Device is in pairing mode.
- Keeps off: Device is online.
- Flashes once: Device is offline.

### ③ Power Indicator (Red)

- Light on: Device is powered on.
- Light off: Device is powered off.



## Platform Certification

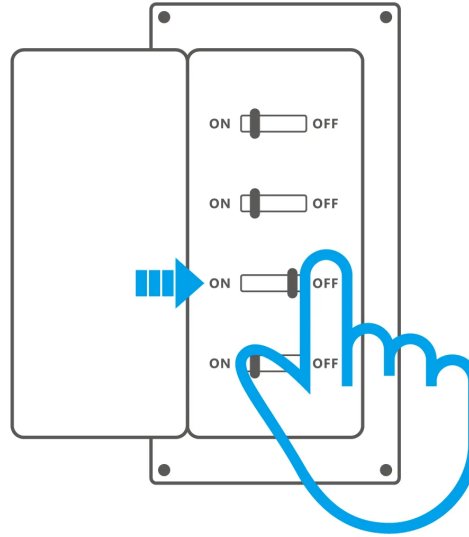


## Specification

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Product name                   | Orb Socket (Type F)                                                    |
| Product series                 | Fusion Series                                                          |
| Product type                   | Matter Over WiFi Smart Wall Socket                                     |
| Model                          | WS01TPF-E                                                              |
| MCU                            | BK7238                                                                 |
| Rating                         | 100V-250V~ 50/60Hz 16A Max Resistive Load $\mu$                        |
| Max. load                      | 4000W                                                                  |
| Standby power consumption      | <1W                                                                    |
| Wi-Fi                          | IEEE 802.11 b/g/n 2.4GHz                                               |
| Product dimension              | 86x86x42.5mm                                                           |
| Color                          | White                                                                  |
| Casing material                | PC                                                                     |
| Applicable place               | Indoor                                                                 |
| Diameter of wiring (recommend) | 1.5mm <sup>2</sup> to 2.5mm <sup>2</sup> SOL/STR copper conductor only |
| Working temperature            | 10T40 (-10°C~40°C)                                                     |
| Working humidity               | 5-95%RH, non-condensing                                                |
| Certification                  | CE/RoHS                                                                |

## Installation

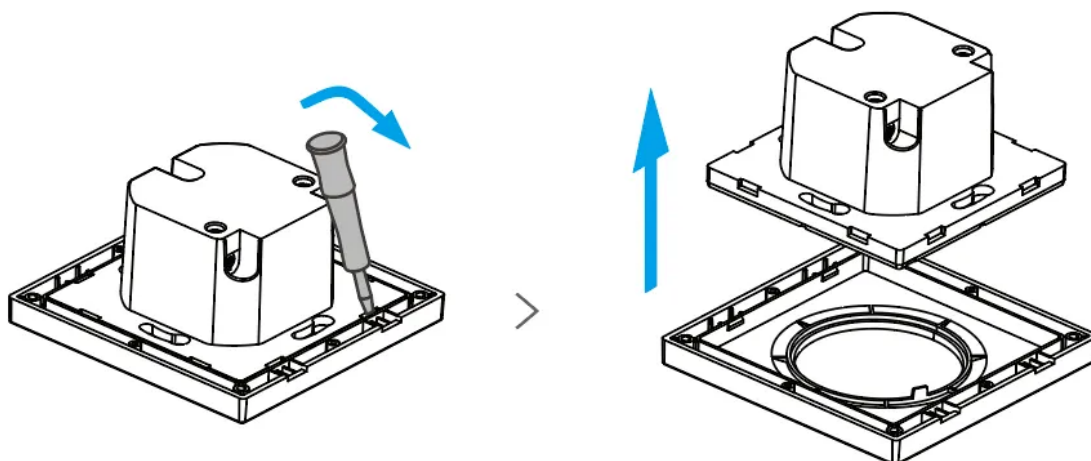
### Power off



### WARNING

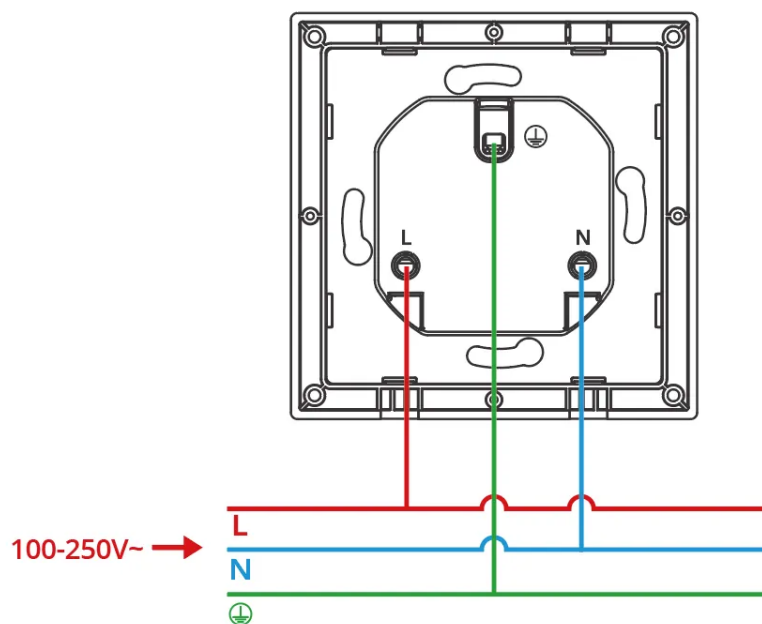
- ① Please install and maintain the device by a professional electrician. To avoid electric shock hazard, do not operate any connection or contact the terminal connector while the device is powered on!
- ② To ensure the safety of your electrical installation, it's essential that either a Miniature Circuit 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 WS01TPF-E.

### Pry off the switch cover



## Wiring Instruction

⚠ Make sure all wires are connected correctly.



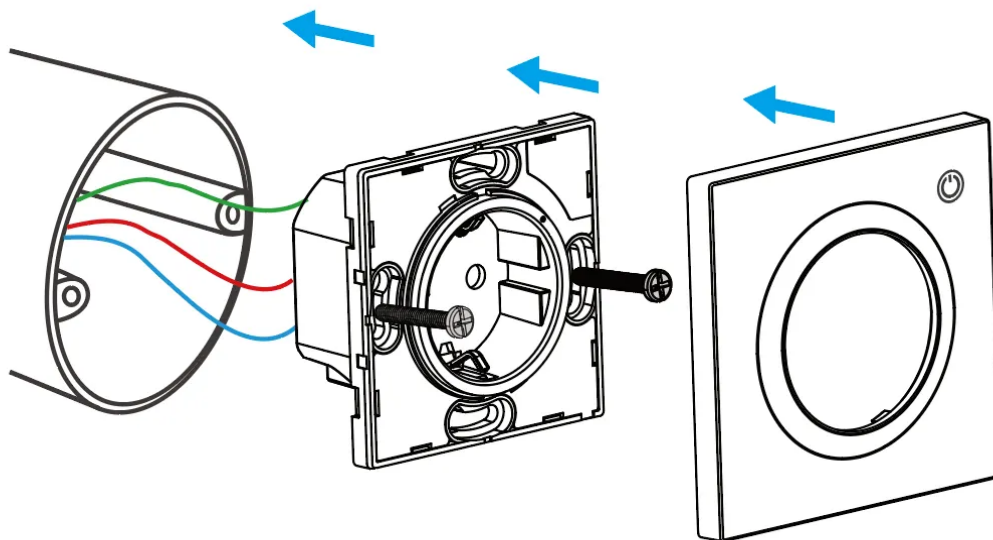
## Instructions for wiring symbols

| Terminals | Wires |
|-----------|-------|
|-----------|-------|

|                                                                                   |                           |                                                                                   |              |
|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|--------------|
| L                                                                                 | Live Terminal (100–250V~) | L                                                                                 | Live Line    |
| N                                                                                 | Neutral Terminal          | N                                                                                 | Neutral Line |
|  | Ground Terminal           |  | Ground Line  |

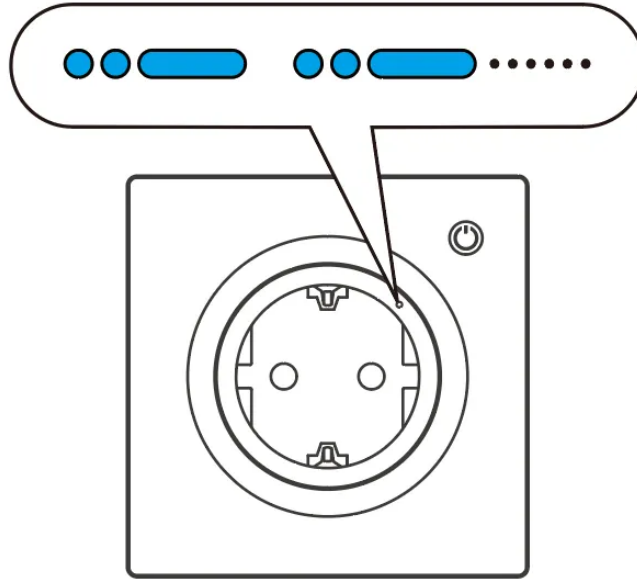
## Install the device on the wall

⚠ Please ensure that the button silkscreen on the faceplate is aligned with the orientation indicated on the power module during installation. If misaligned, the printed icons will not match the actual touch-sensitive buttons, which may cause confusion during operation.



## Power On

When the device is used for the first time, it will enter pairing mode by default after being powered on. At this time, the Wi-Fi LED indicator will flash in a pattern of "two short and one long."



ⓘ The device will exit the Pairing Mode if not paired within 10mins. If you want to enter this mode, please long-press the button for about 5s until the Wi-Fi 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.



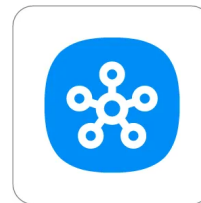
Add to Apple  
via Matter



Add to Google  
via Matter



Add to Alexa  
via Matter



Add to  
SmartThings via  
Matter

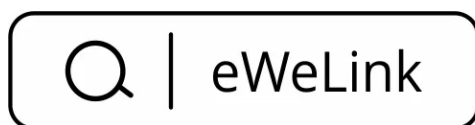


Add to Home  
Assistant via  
Matter

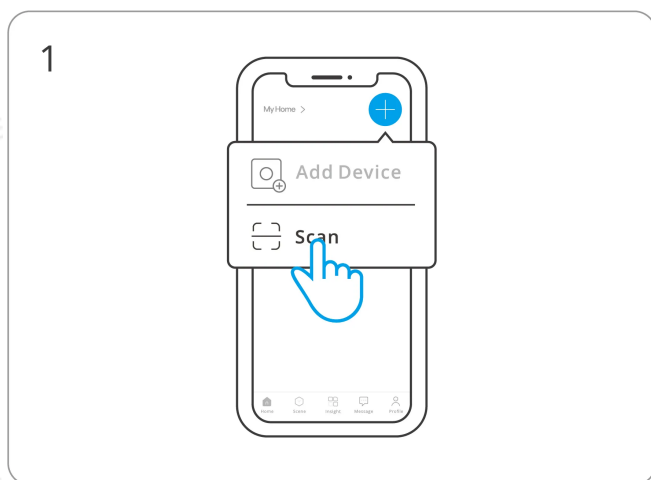
## eWeLink Ecosystem User Guide

### 1. Download the eWeLink App

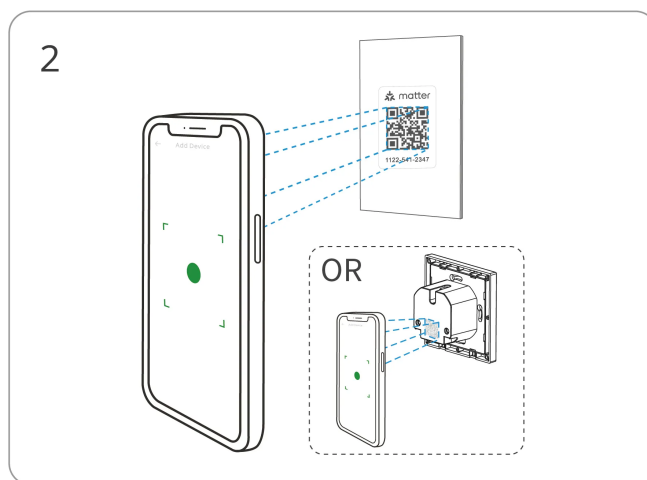
Please download the "eWeLink" App from the **Google Play Store** or **Apple App Store**.



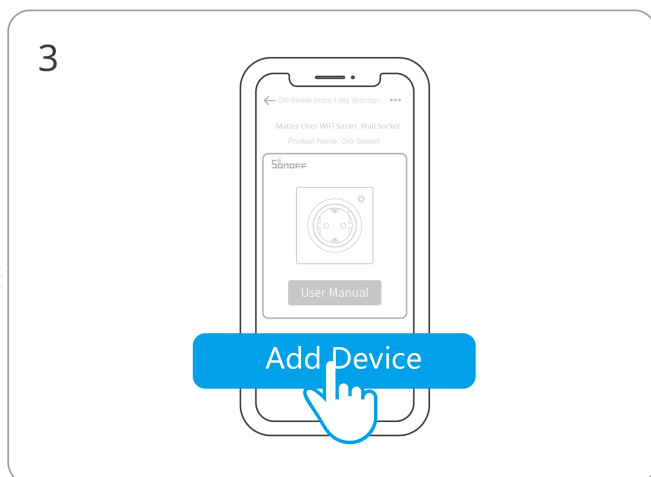
## 2. Add the Device



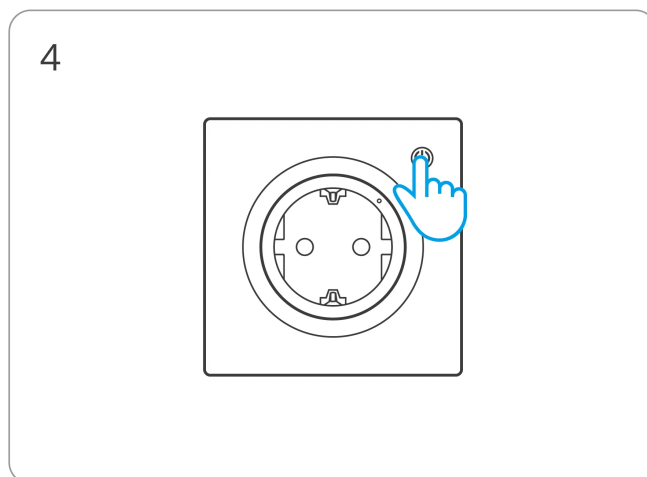
Enter "Scan"



Scan the QR code on the device

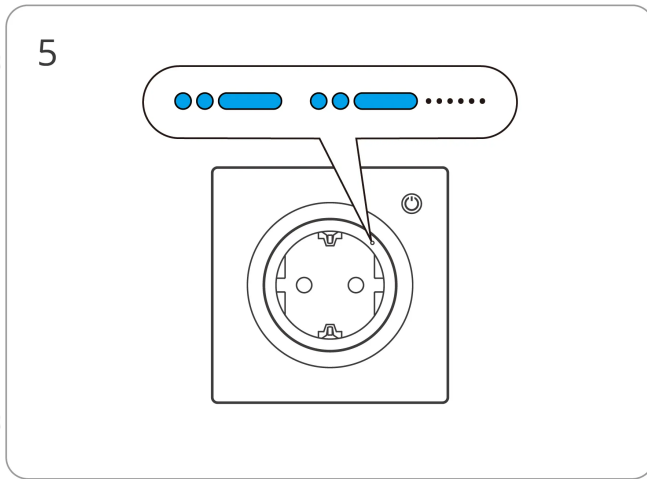


Select "Add Device"

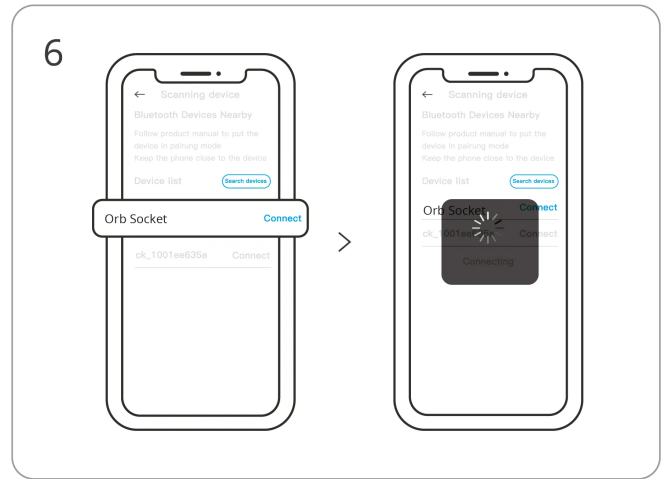


(If the device exits pairing mode)

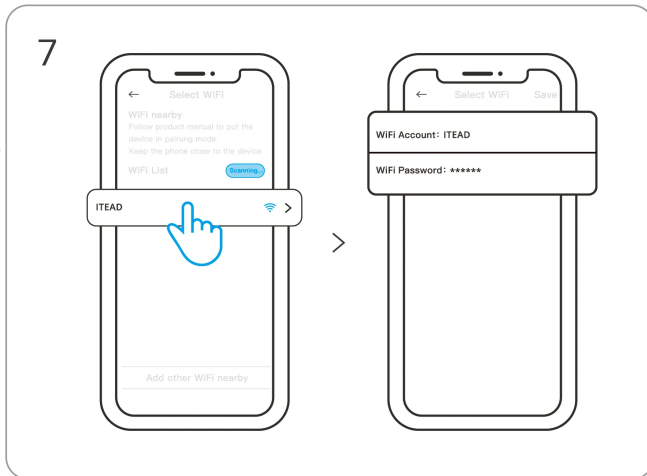
Long-press the button for 5 seconds



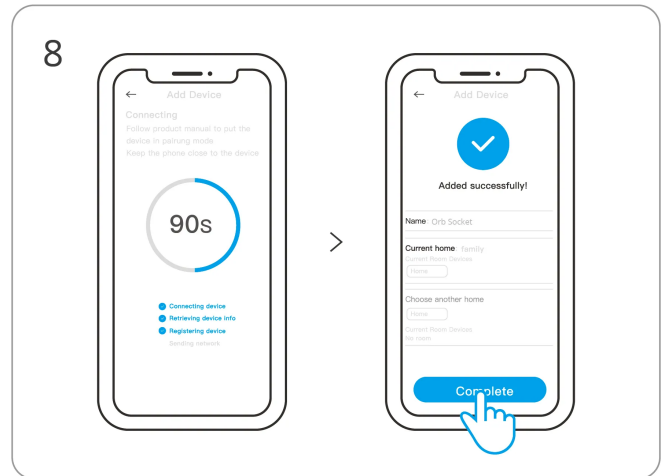
Check LED indicator flashing status  
(Two short and one long)



Search for the device and start connecting



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



Device "Added successfully!"

## Factory Reset (Dual Ecosystem)

### Trigger conditions (any one condition met)

- After "Delete the Device" in the eWeLink App.
- For devices previously successfully added to eWeLink, perform a new pairing using a different eWeLink account.
- For devices previously successfully added in Matter, perform a new Bluetooth Pairing through Matter.

# EU Declaration of Conformity

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type WS01TPF-E 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

BLE: 2402–2480 MHz

### EU Output Power:

Wi-Fi 2.4G≤20dBm

BLE≤20dBm

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

Borsa

Borsa

|                                                       |        |          |          |
|-------------------------------------------------------|--------|----------|----------|
| PAP 21                                                | PAP 22 | CPE 7    | PET 1    |
| Carta                                                 | Carta  | Plastica | Plastica |
| RACCOLTA DIFFERENZIATA                                |        |          |          |
| Verifica le disposizioni del tuo Comune.              |        |          |          |
| Separa le componenti e conferiscile in modo corretto. |        |          |          |

# SONOFF

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Made in China

