

Mini Wallbox EV Charger Manual



Before operating this product, please read the operating instruction carefully

CONTENTS

1.Product Overview-----	1
2.Product Features/Basic Information-----	2
3.Installation Steps-----	3
4.Steps for Wiring -----	4
5.Charging Status and LED Definition-----	5
7.Adding Device-----	6
8.App Operation-----	8

Product Overview



Product Features

1. With RFID function to start or stop charging.
2. With overcurrent protection, overvoltage protection, undervoltage protection, overtemperature protection, leakage protection, emergency stop and other functions.

Model	FE-AM3-16P3mini
Voltage	415V
Power	11kW
Function	RFID
User interface	LED light
Charging interface	Type2+0.4M cable
Frequency	50/60Hz
Degree of protection	IP65
Operating temperature	-30°C to 55°C
Operating humidity	5%-95%
Product dimensions	256*149*96mm
Packing list	Hook 1pcs、 Small hanging panel 1pcs、 KA-M4*40MM screw 3pcs、 6mm Expansion rubber plug 3pcs、 KM-M3*12MM screw 2pcs、 RFID card 3pcs

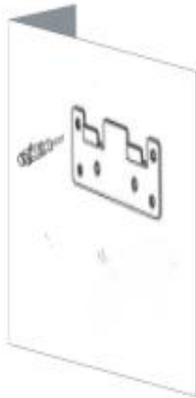
Installation Steps



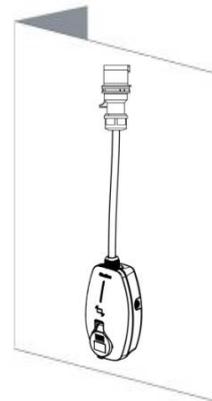
1. Punching holes through the punching template



2. Use a hammer to beat the M8.0 expansion tube into the hole



3. Use a screwdriver to fix the back plate to the wall with M4.0 screws



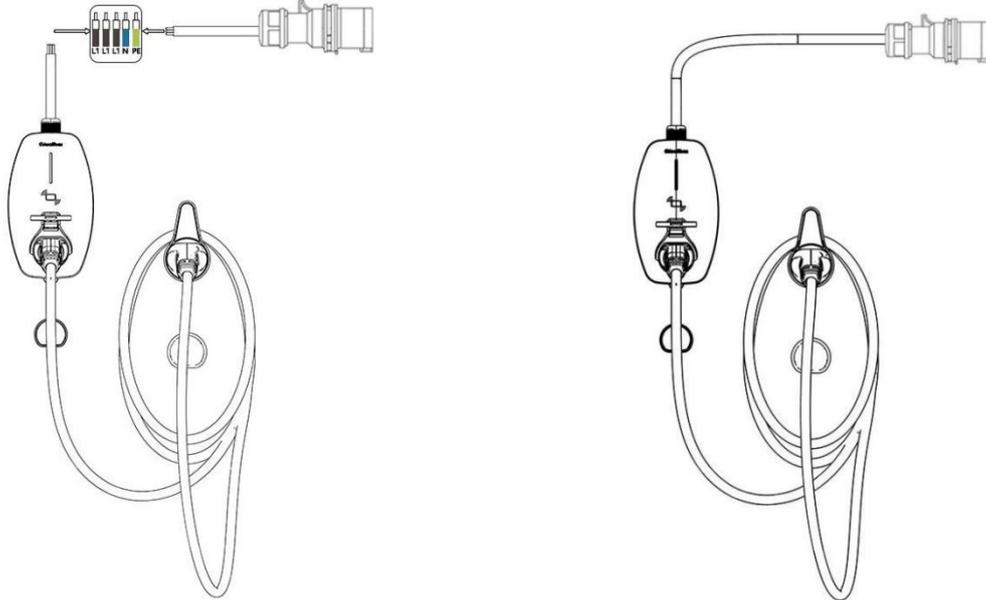
4. Install the charging station on the wall back plate



5. Place the hook in a suitable place.
(As shown above)

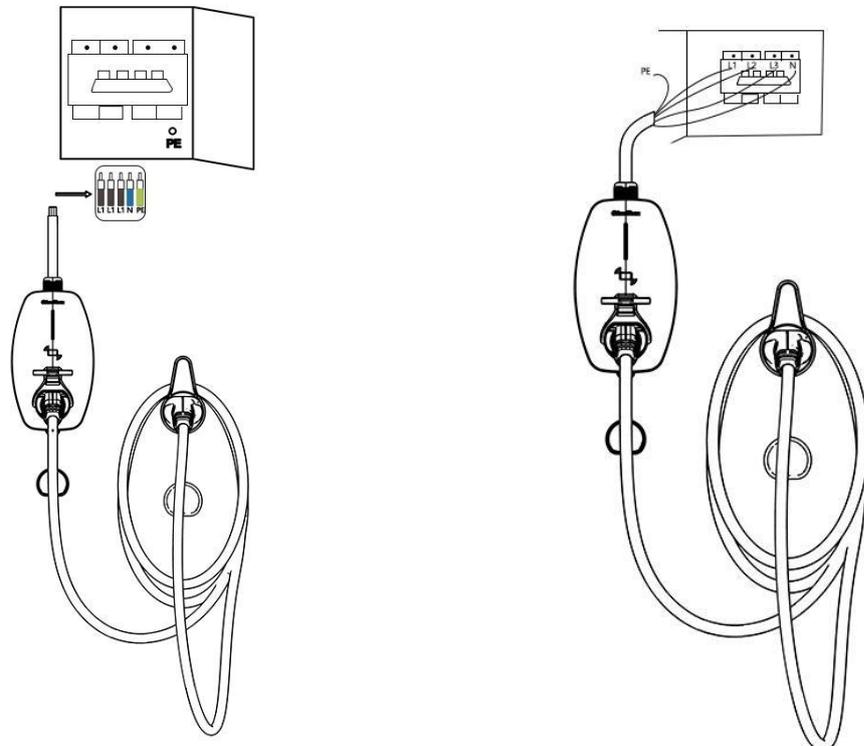
Steps For Wiring

Connect to a plug (As shown below):



Note the connection between the end of the AC input and the end of the power plug (L1 L2 L3 N PE), then plug the power plug into the wall socket.

Connect to a ammeter (As shown below):



Note the connection between the end of AC input and the breaker in the distribution box. (L1 L2 L3 N PE)

Charging Status and LED Definition

Working Status	LE1 (Blue)	LE2 (Blue)	LE3 (Blue)	LE4 (Blue)	LE5 (Blue)
Ready	on	off	off	off	off
Connecting	Flash	Flash	Flash	Flash	Flash
Charging	Breathe	Breathe	Breathe	Breathe	Breathe
Finished	on	on	on	on	on
Err:CP	Off	Off	Off	Off	Flash once
Under Voltage	Off	Off	Off	Off	Flash twice
Over Voltage	Off	Off	Off	Off	Flash 3 times
Elec Leakage	Off	Off	Off	Off	Flash 4 times
Over Current	Off	Off	Off	Off	Flash 5 times
Over Temp	Off	Off	Off	Off	Flash 6 times
Err:Reset	Off	Off	Off	Off	Flash 7 times

Adding Device

1) Application download

Download Tuya Smart App from the App Store



Tuya Smart

2) Configure the charging device network

Ensure that the charging device and the mobile phone are in the same Wifi network (5G band Wifi is not currently supported) and that the phone located near the charging device. When the device is powered on, open the Tuya APP, and the networking status of the charging device will be displayed as follows:



Wait for the network



Connected



Unconnected

If there is a timeout or network distribution failure during network distribution, please check whether the Wifi network has been connected to the network and the router is working in the 2.4G band or the phone is too far away from the charging device, resulting in Bluetooth connection failure. If these situations, repeat the above operations to successfully configure the network.

If there is no Wi-Fi outdoors, you can use a friend or family member's mobile phone to turn on the hotspot, create a mobile Wi-Fi scenario, and then connect to the Wi-Fi repeatedly.

After waiting for the current to be set and charging normally, you can turn off the wifi or leave, and the device will charge the car normally according to your settings.

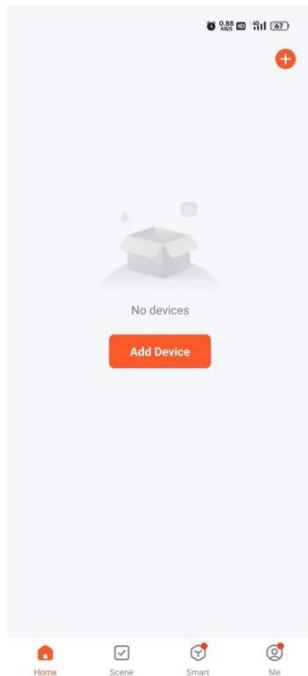
Bluetooth connection usage

1. After the device is powered on, the mobile app binds the device successfully
2. When the device has no network connection, it will automatically switch to Bluetooth connection mode.
3. Open the cell phone Bluetooth and APP, refresh the device list, will automatically search for nearby devices. When the device from offline state to online state, Bluetooth connection is successful, you can use Bluetooth to control the device.

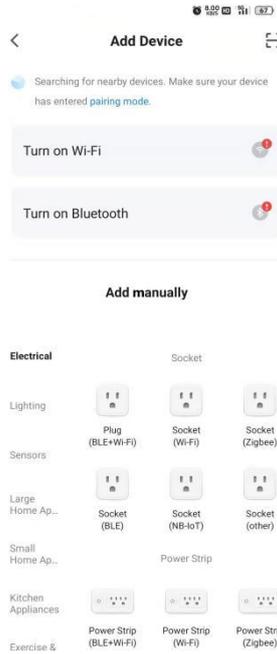
Precautions:

- 1.The cell phone needs to support BLE version 4.2 and above, some cell phones may not support it.
- 2.Blutetooth connection belongs to the close range communication mode, when there is an obstacle blocking or too far away from the device will cause connection disconnection. Get closer to the device and refresh the device list to restore the connection.
3. Bluetooth connection cannot be used after the device is connected to WIFI.

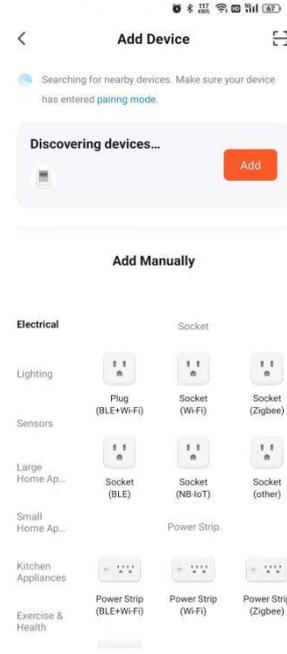
Demonstration of distribution network operation process:



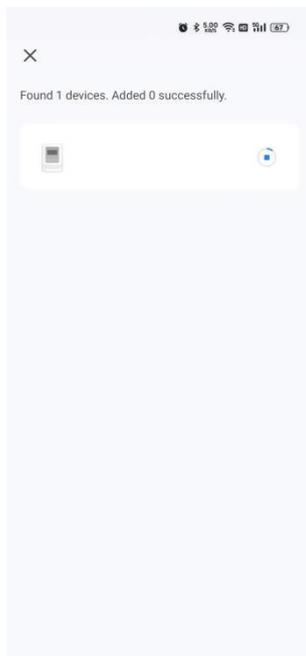
Step 1 :
Enter APP



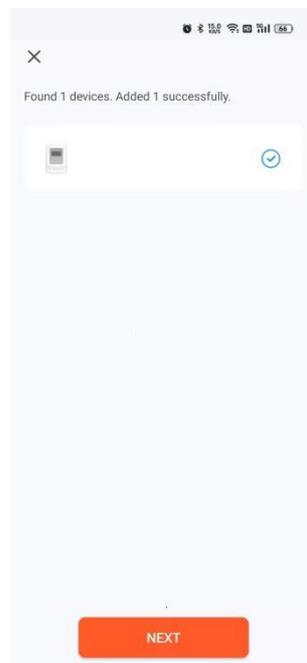
Step 2 :
Turn on WIFI&Bluetooth



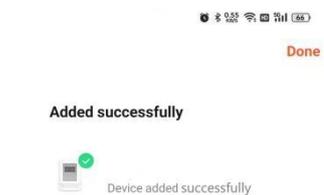
Step 3 :
Adding Device



Step 4 :
In matching device



Step 5 :
Matching device successfully



Step 6 :
Enter the device

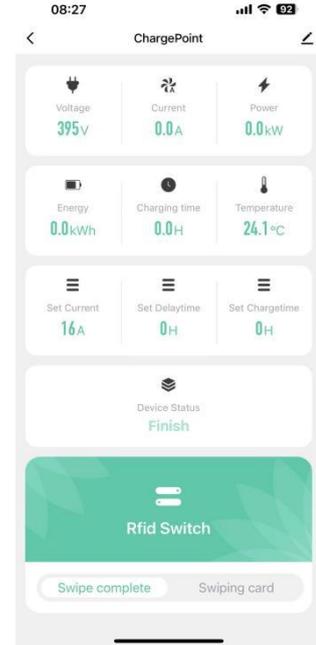
App Operation



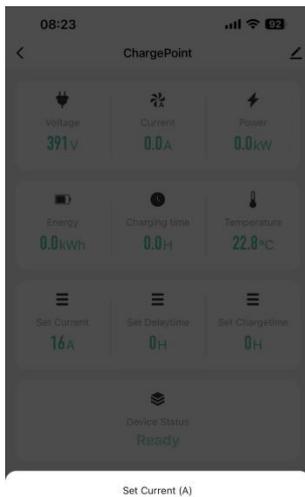
Waiting for charging



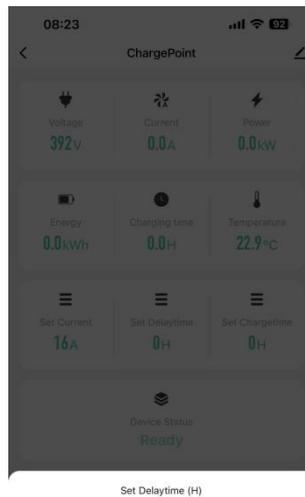
During charging



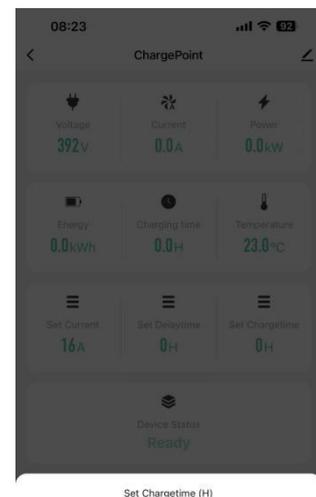
End of charging



Set charging current



Set delayed start



Set Charging time