AC EV Charging Station Manual
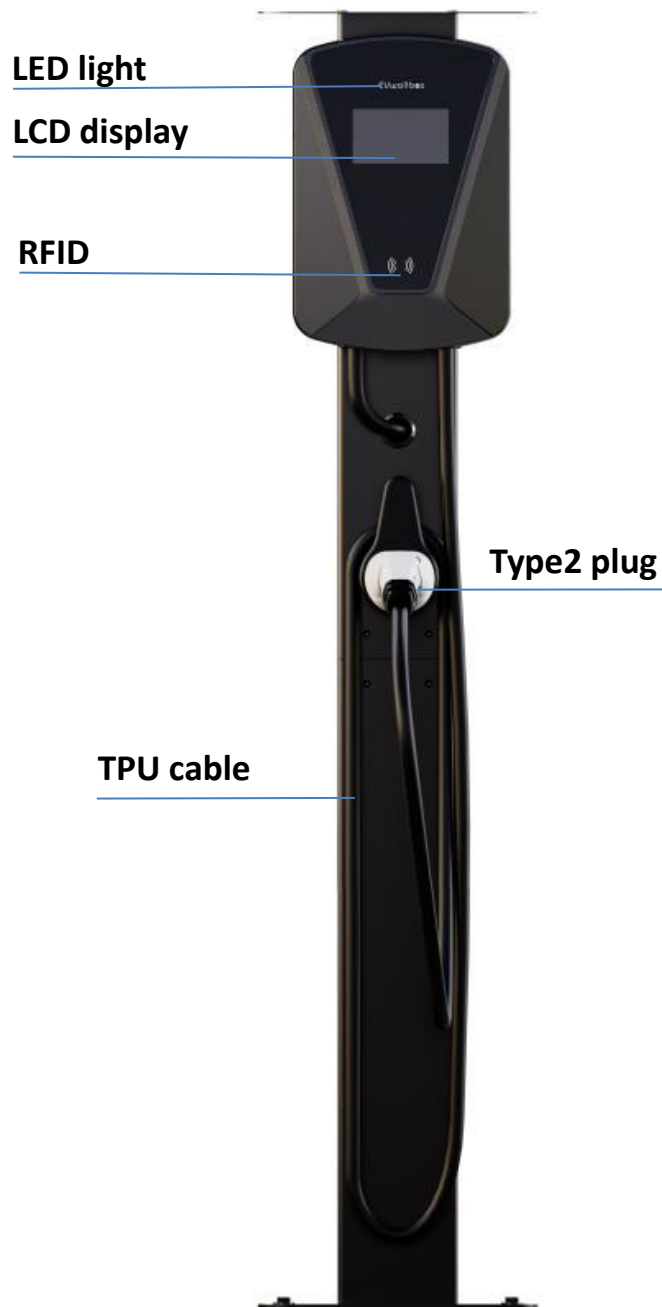
Before operating this product, please read the operating instructions carefully

CONTENTS

Product Overview

LED light

LCD display

RFID

Type2 plug

TPU cable

Wall-mounted/column-mounted AC charging post appearance

Emergency stop switch　　　**4G Communication**　　　**LED/LCD/RFID**

Product Features

1. With RFID function to start or stop charging.

2. With the function of appointing charging time and appointing charging duration.

3. Equipped with display screen to show charging information in real time.

4. With overload protection, over-voltage protection, under-voltage protection,

   over-temperature protection, leakage protection, emergency stop and other functions.
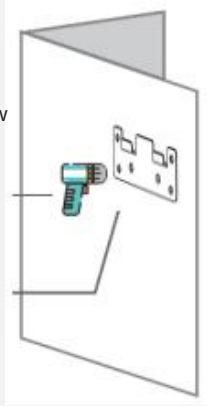
Technical Specification

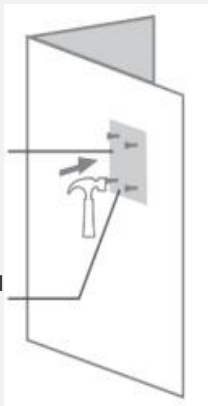| Model	XH-AM3-16P3-01OCPP4G	XH-AM3-32-01OCPP4G	XH-AM3-32P3-01OCPP4G
Current（adjustable current)	16A(8/10/13/16A)	32A(8/10/13/16/32A)	32A(8/10/13/16/32A)
Voltage	415V	250V	415V
Power	11kW	7kW	22kW
Frequency	50/60Hz		
Communication(Optional)	Ethernet, 4G, OCPP1.6		
User interface	LED light + LCD display (4.3 inch) + RFID		
Charging interface	Type2+5M cables or custom cable length		
Degree of protection	Charging gun: IP55, charging station: IP65		
Operating temperature	-30℃ to 50℃		
Operating humidity	5%-95%		
Product dimensions (H*W*D)mm	325*220*100		

Installation Steps

1

REFERENCE PAPER
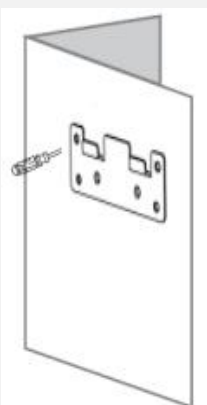indicate the position of screw

hole size

Wall

2

Hammer the M4.0
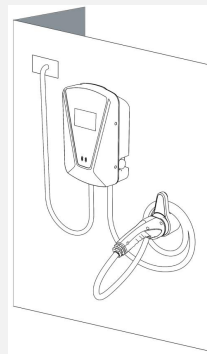PLACTIC BOLTS
into the holes

Take down the
REFERENCE PAPER
from the wall

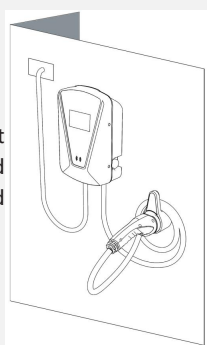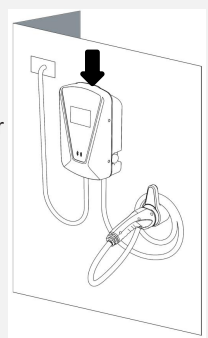**3**

Fix the PLATE with
M4.0 KB SCREWS
on the wall

4

Place STATION onto
PLATE on the wall

5

Lock the bottom anti-theft
screws,then put the hook and
HOLDER anywhere you need

6

Tear off the protector

Steps For Wiring

## Mode I:

Using the connection to the distribution box, the input line of the plug street L1 L2 L3 N PE terminal is connected to the L1 L2 L3 N PE terminal of the open air respectively.

Mode II:

Connect the connector then need to connect the two ends of the connection note that L1 L2 L3 N PE correspondingly connected, squeeze the connection with crimping pliers to ensure good contact.

Steps For Usage
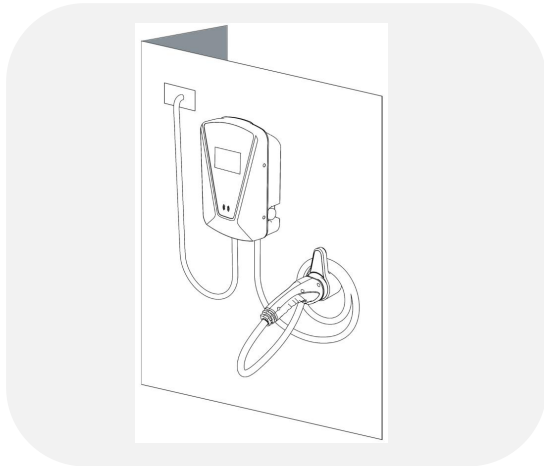
1.Make sure the charging box is connected power.
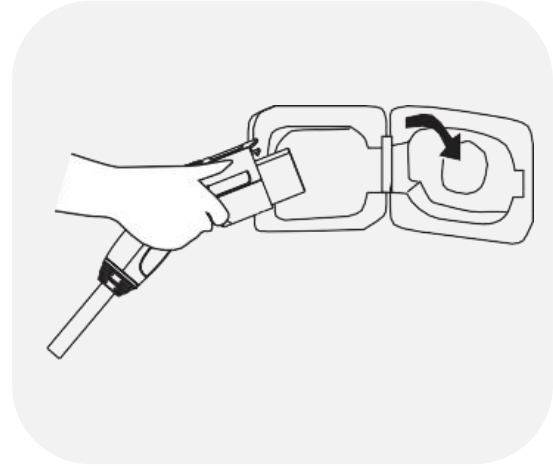
2.Connect the EV and the charging box with the EV charging cable.

3.Swipe the card to start.

4.The vehicle is charged normally.

5. End of swipe.

6.Unplug the device and wrap the cable around the hook.

Charging status and LED definition

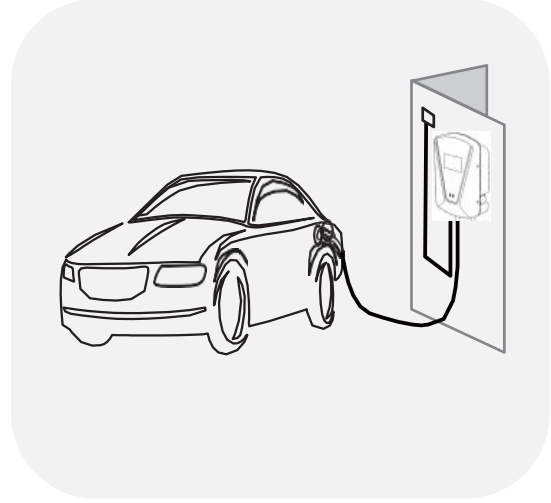| Working Status	Red	Green	Blue
Ready	/	Bright	/
Connect	/	/	Bright
Charging	/	/	Breathe
Metering communication error	Flash for 1	/	/
Under-voltage alarm	Flash for 2	/	/
Overvoltage alarm	Flash for 3	/	/
Ground fault	Flash for 4	/	/
Over current protection	Flash for 5	/	/
Permanent overcurrent protection	Flash for 6	/	/
Leakage protection	Flash for 7	/	/
Over temperature protection	Flash for 8	/	/
Emergency stop button	Flash for 9	/	/
RFID failure	Flash for 10	/	/
Relay failure	Flash for 11	/	/
Gun lock fault	Flash for 12	/	/
Memory failure	Flash for 13	/	/
Clock exception	Flash for 14	/	/
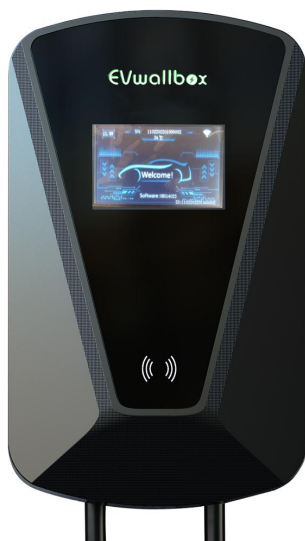
Ready
LED light: Green, always on
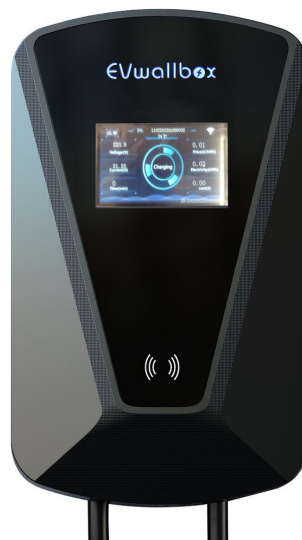
Charging / charging completed
LED light: Blue (flashing / always on)
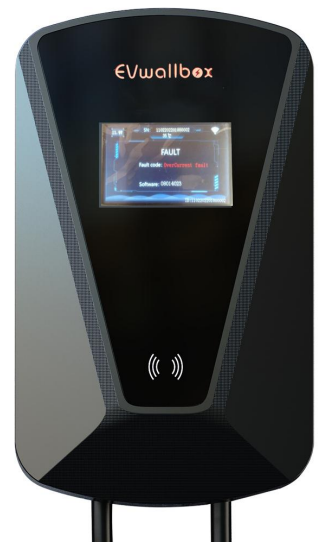
The fault
LED light: blinking red

Fault Code

Fault display	Possible Causes
Over-temperature fault	1.The ambient temperature exceeds the operating temperature specification
	2.AC power input voltage too high
	3.Internal charger failure
Device overvoltage	1.AC power input voltage too high
	2.Internal charger failure
Device undervoltage	1.AC power input voltage too low
	2.Internal charger failure
Meter unconnected!	1.Metering module failure
Emergency fault	1.Emergency stop button pressed
	2.Emergency stop button damaged
Electric leakage fault	1.Residual current monitoring sensor failure
	2.Residual current leakage occurs
RFID unconnected	1.Card reader failure
Grounding fault	1.Ground Fault
OverCurrent fault	1.Overload protection

LCD Display

SN:

Welcome!

Software version:

SN:

Please swipe card or scan code to charge

SN:

Voltage
V
Current
A
Time
min

Charging

Price
€ per kWh
Power
kWh
Amount
€

SN:

Voltage
V
Current
A
Time
min

Finish

Price
€ per kWh
Power
kWh
Amount
€

SN:

Settlement Completion

Power   Time   Sum   Balance

kWh   min   €   €

SN:

RESERVED

Booking ID :

Remaining Time:

Software Version: