Easy Charger

—— How to install and use ——

Contents

Appearance

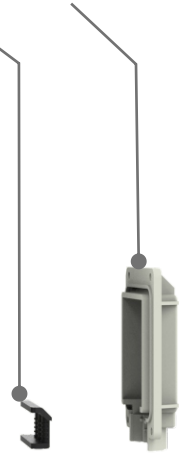Front Cover   Charger Body   Wire Rubber   Wire Cover

How to install
Prepare

Tools&Accessory

•Flat-screw driver 3X75 mm

•Phillips-screw driver 6X150mm

•Impact drill set 8X75mm

•Cord end cable terminals X4 VE6010

•Power Wire:

 Mini AWG#10 to Max AWG#8

•Supported of cable types

 Single core/ Multi stranded/ Flexible/ Flexible with ferrule

 The cable diameter is 13.5~18mm

•Expansion screws：

 Φ6X60mmX4 (in the package)

Installation Information

•Input power:

 230V±20% AC, 1-phase L+N / L1+L2

•Environment:

 Indoor or Outdoor(IP54,-25℃~50℃)
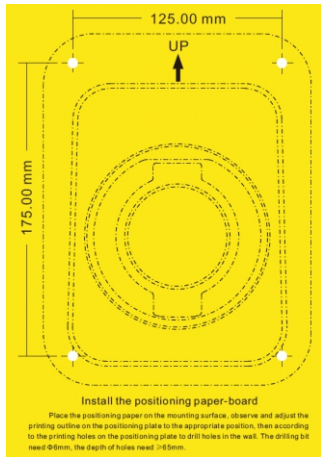
•Ventilation:

 Not supported

How to install

Drill install holes

Step 1
Locate the charger where you want to install.
Step 2
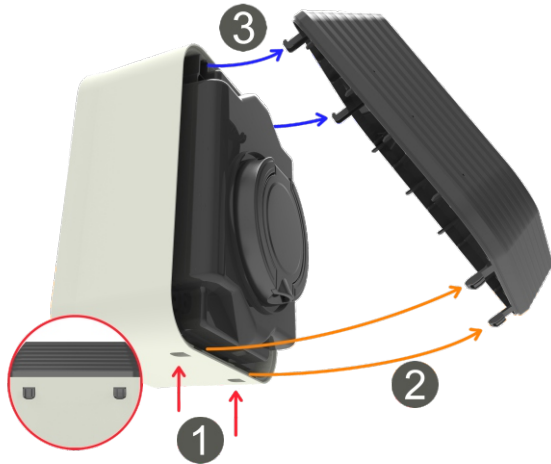Attach the positioning paper-broad on the wall to locate the screw holes positon.

Step 3
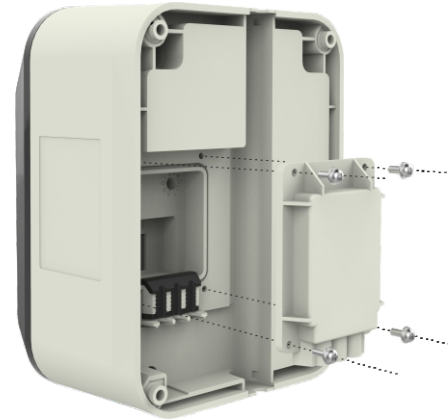Apply drill to prepare holes X4 on the wall,

the depth of the hole is 65mm.

125.00 mm

UP

175.00 mm

Install the positioning paper-board
Place the positioning paper on the mounting surface, observe and adjust the printing outline on the positioning plate to the appropriate position, then according to the printing holes on the positioning plate to drill holes in the wall. The drilling bit need Φ6mm, the depth of holes need ≥65mm.

6mm

100mm

160mm

How to install

Wire up

Step 1

Take off the front cover, at the bottom of the charger, there are 2 snaps. The front cover can be removed from the charger by pressing snaps.
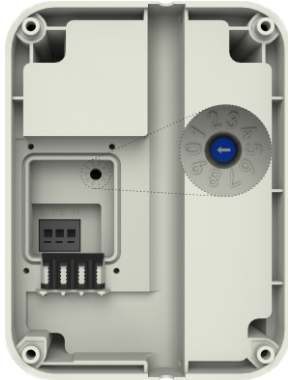
Step 2

Turn over the charger to the back side ,Take off the four screws at the back ,open the wire cover.
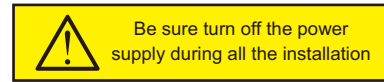
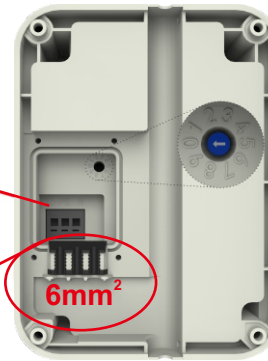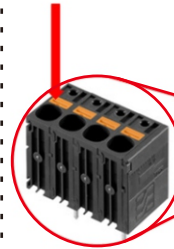# How to install

Wire up

6mm²   **10mm²**

Step 3

Adjust the current

Using a "flat screw driver" to adjust the right current for your charger.   The configuration chart as follow. The "0" means follow the web configuration, you can also setup the current via Wi-Fi mode

0	1	2	3	4	5	6	7	8	9
Wi-Fi	6A	10A	13A	16A	20A	23A	25A	30A	32A

Step 4

Connection of charger

Strip and prepare the power cable, using the "cord end cable terminals" for easy connection. Then using a "flat screw driver" vertically press the connector's "orange" area, insert the prepared wire to the hole .
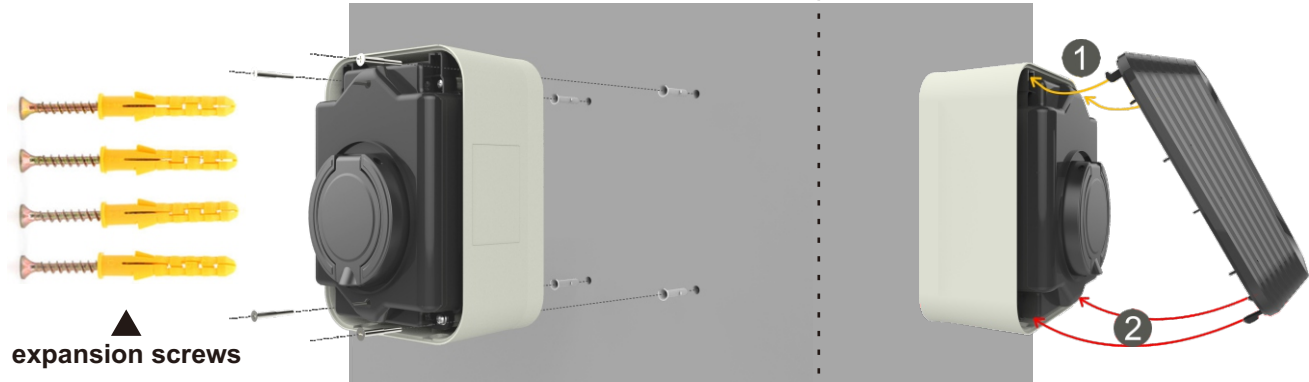If your power wire is A.W.G#10 /32A,
the black Wire Rubber is needed,
if the power wire is A.W.G#8 / 64A,
the black Wire Rubber is not need in the charger .

How to install

Wall mount

▲ expansion screws

Step 1

Attach the charger body to the wall by using four expansion screws and fix the positon.

• Frist to drill the expansion screw holes on the wall

• Then Insert the expansion

• Complete against the charger to the wall, to tighten up the screws

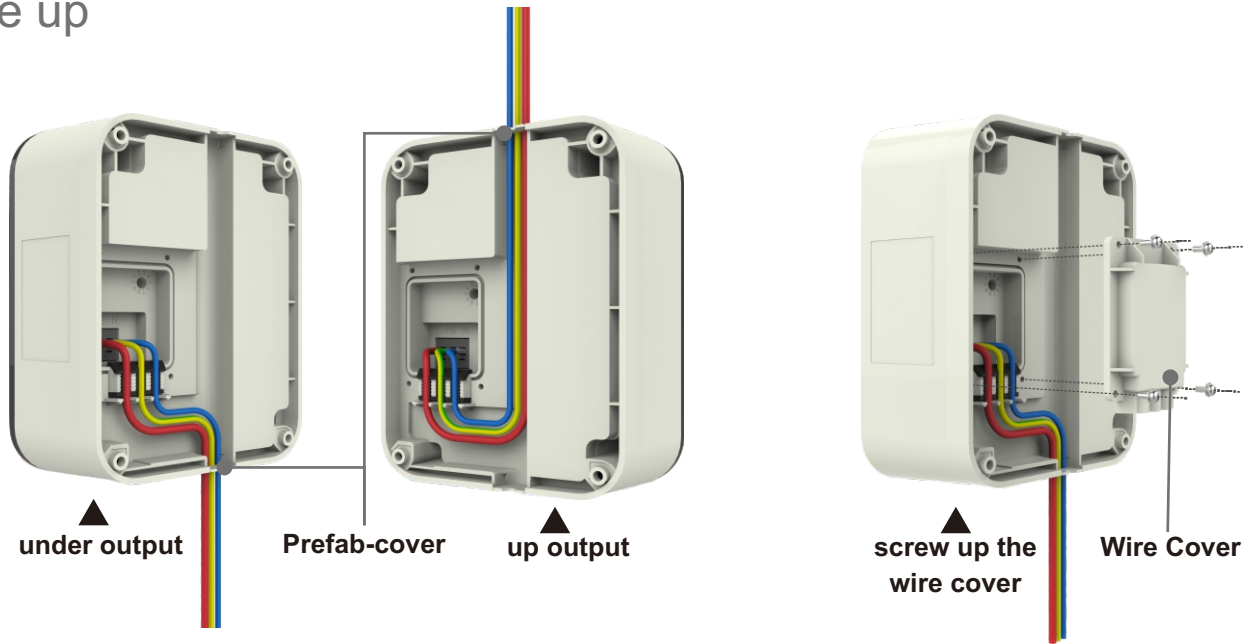### Step 2

Reattach the front cover to the charger

Congratulations

You can using your Easy charger to charge your EV now!

How to install

Wire up

under output　　**Prefab-cover**　　**up output**
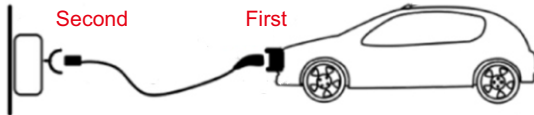
screw up the wire cover　　**Wire Cover**

Step 5

two ways of wires

•Choice the best way for your situation, up or under output.

•Then knock out the Prefab-cover of the wire hole.

•After all these finished ,remember to screw up the wire cover.

How to charge

In order to charge a vehicle,

the following steps should be followed

• Make sure the Easy charger is power on

• Plug the cable into the vehicle

• Plug cable into Easy charger

• The Vehicle should start to charge
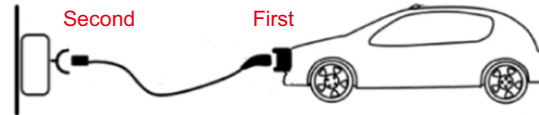
Second   First

How to stop charge

In order to stop a charging session,

the following steps should be followed

• Stop the charging session from the vehicle e.g. unlock
 the vehicle

• Remove the cable from the vehicle

• Remove the cable from the Easy charger

Note: You can also stop charging via Wi-Fi mode

Second   First

Lights meaning

No.	State	Led color
1	Charging	Blue breathing lighting
2	Prepare charging	Constant blue lighting
3	Pause	Flashing blue
4	Standby	Green breathing lighting
5	POST(power on self-test)	Constant white lighting

No.	State	Led color	Instructions	Recover the fault
1	CP Exception	Red	Flash once in 5s	Pull out the plug
2	PE Exception	Red	Flash twice in 5s	Turn off the power
3	Normal Fault	Red	Constant lighting	Pull out the plug

Connection via Wi-Fi

You can use your smart phone or laptop to connect the Wi-Fi.

•open your device Wi-Fi setup

Notice:
The SSID will be named as ECxxxx
The xxxx will be the only number of the charger

The connection code is same as the SSID .
eg.
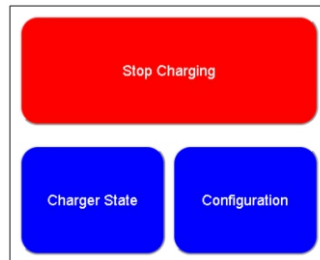The SSID is EC28201100001 ,the Wi-Fi code is EC28201100001.
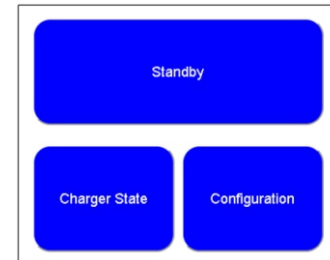
•open your device web browsers

Input the Wi-Fi address : 192.168.1.1
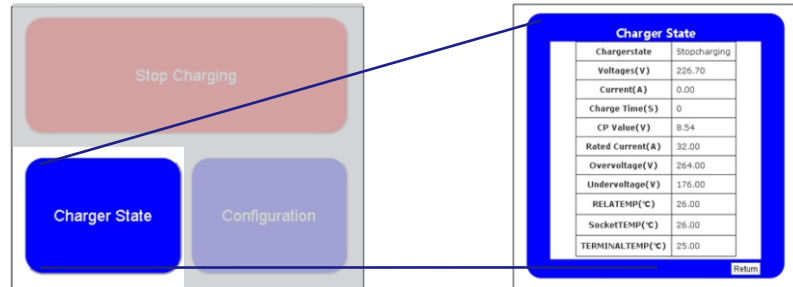The page will jump to this as follow：

Connection via Wi-Fi

You can use your smart phone or laptop to connect the Wi-Fi.

•User page

The user page can Stop charging by
"Stop charging" button.
And monitor the charging information
at the "charger state" page

Charger State

Chargerstate	Stopcharging
Voltages(V)	226.70
Current(A)	0.00
Charge Time(S)	0
CP Value(V)	8.54
Rated Current(A)	32.00
Overvoltage(V)	264.00
Undervoltage(V)	176.00
RELATEMP(℃)	26.00
SocketTEMP(℃)	26.00
TERMINALTEMP(℃)	25.00

Return

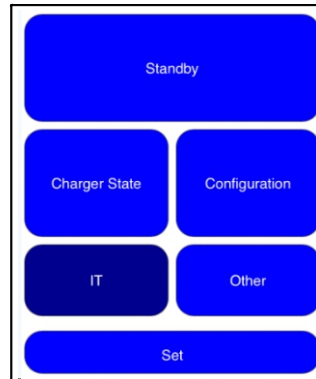- -
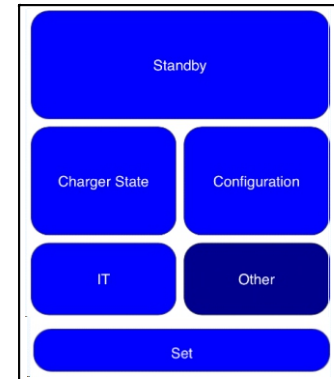
•Power supply system
The charger can use in IT/TT/TN ,
choose what your local power supply
system
If your power supply system is IT,
choose "IT" button then press the
"Set" button to set the charger .
IF your power supply system is
TN/TT ,choose "other" button
then press "Set" button to set the
charger .

OR

Connection via Wi-Fi

You can use your smart phone or laptop to connect the Wi-Fi.
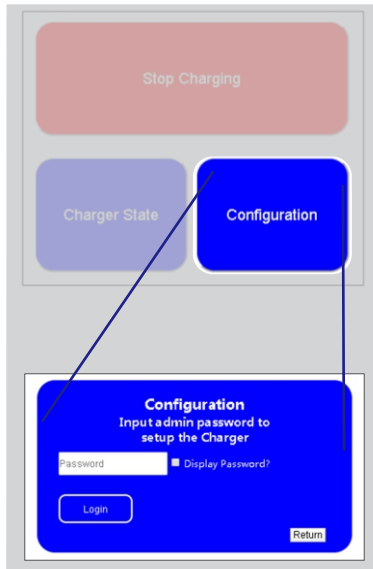
•Set the current via Wi-Fi
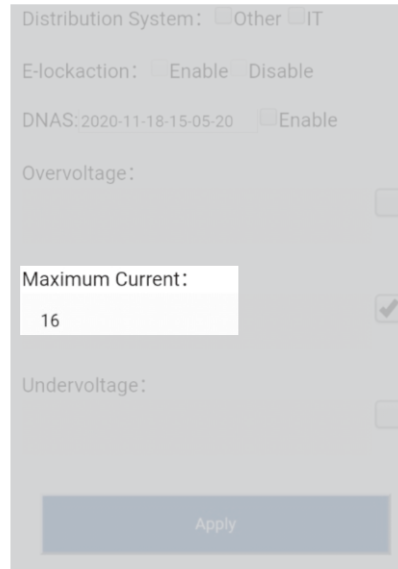
Step 1
Press the "Configuration" button.
step 2
 Input the configuration code
 "LC300001",press "Login" button.

Step 3
In put the value 6~32 at the
"Maximum Current" bottom blank ,
the number stand for the current value
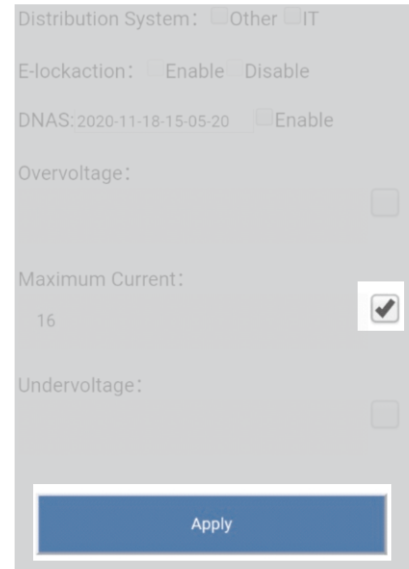what you need to limit the charger .

Step 4
Choose the "√" beside the
"Maximum Current".
Step 5
Press the "Apply" button to confirm
the current setting.

Connection via Wi-Fi

You can use your smart phone or laptop to connect the Wi-Fi.

•Configuration Page

The configuration page can setup the charger at the "settings" page. After all setup finished ,remember to click the " Apply" button.

Distribution system

The supply system is IT system you can choose "IT" otherwise choose "other".

DNAS

Synchronization the time with your device.

Electrical Lock action

If you don't want to see the alarm the E-lock error, you can disable it, but we recommend to using that for the safety.

Overvoltage & Under voltage

you can adjust the voltage range for your own using, the Over voltage range is 220V-280V , the under voltage range is 150V-200V.But we recommend DO NOT to setup that for vehicle safety.

| Distribution System: ☐Other ☐IT |
| E-lockaction: Enable Disable |
| DNAS: 2020-11-18-15-05-20 ☐Enable |
| Overvoltage: |
| Maximum Current: 16 |
| Undervoltage: |
| Apply |

| Distribution System: ☐Other ☐IT |
| E-lockaction: ☐Enable Disable |
| DNAS: 2020-11-18-15-05-20 ☐Enable |
| Overvoltage: |
| Maximum Current: 16 |
| Undervoltage: |
| Apply |

| Distribution System: ☐Other ☐IT |
| E-lockaction: Enable Disable |
| DNAS: 2020-11-18-15-05-20 ☐Enable |
| Overvoltage: |
| Maximum Current: 16 |
| Undervoltage: |
| Apply |

Highlights

- Universal socket

- Simple electrical installation

- Dimensions (H x W x D)
  210mm*160mm*126mm

- The electrical lock,
  the standard required
  and is safe for your using

- Wi-Fi connection
  you can watch and setup
  the charger via Wi-Fi

- Earth Leakage Protection
  6mA DC+ 30mA AC leakage
  detection is already in the charger,
  no Type B RCD required

- Power Ratings
  it can be adjust via Wi-Fi or
  DIP switch

SPECIFICATIONS

POWER SUPPLY SYSTEM:	TN-S\TN-C-S\TT\IT
INPUT:	230V AC, 50 Hz , 1P+N+PE
OUTPUT: Max. 32A AC	RATED POWER: Max. 7KW
CONNECT MODE:	Case B
OPERATING TEMPERATURE:	-25℃~+50℃
ENVIRONMENT HUMIDITY:	≤95%RH
IP DEGREE: IP54	WEIGHT: 2.5 KG

NOTE

Easy Charger