

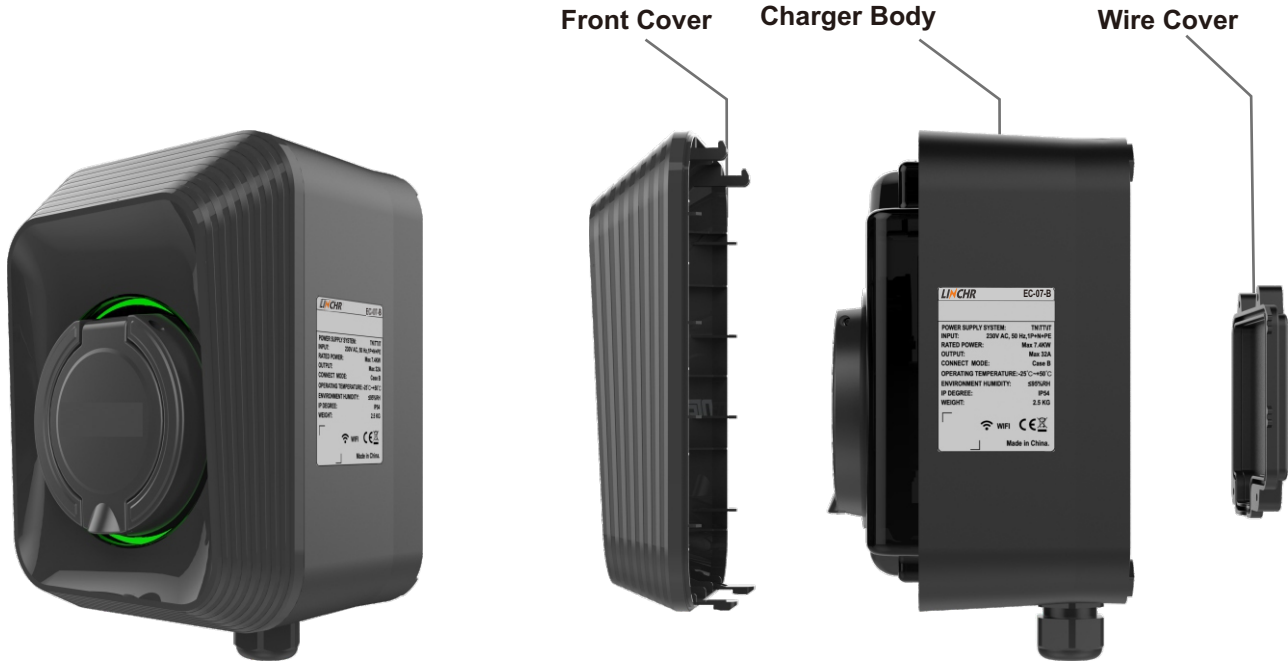
Easy Charger

— How to install and use —

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Appearance



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 :
Φ 6X60mmX4 (in the package)

Installation Information

- Input power:
230V±20% AC, 1-phase L+N / L1+L2
- Environment:
Indoor or Outdoor(IP54,-25°C~50°C)
- Ventilation:
Not supported

How to install

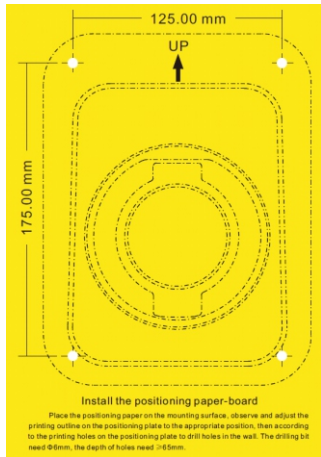
Drill install holes

Step 1

Locate the charger where you want to install.

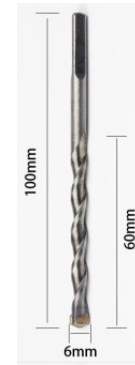
Step 2

Attach the positioning paper-board on the wall to locate the screw holes position.



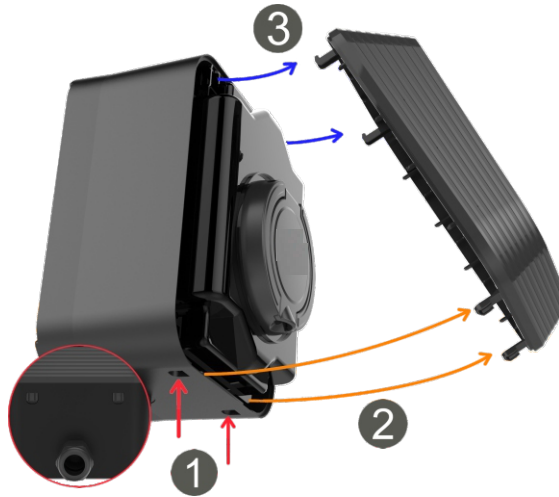
Step 3

Apply drill to prepare holes X4 on the wall, the depth of the hole is 30mm.



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



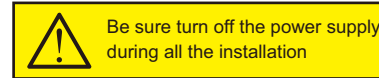
Step 3

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

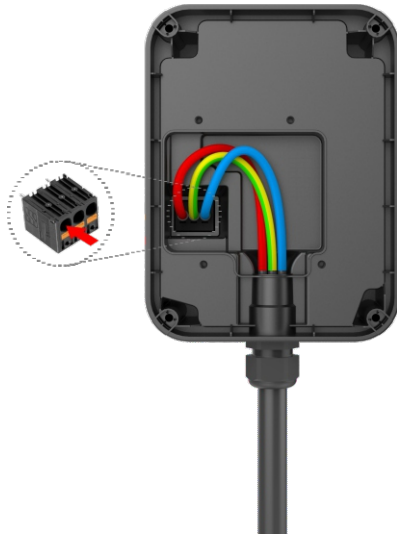
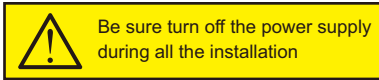
Strip and prepare the power cable, using the “cord end cable terminals” for easy connection.

Connect wire through out of the gland.

Do not tighten up the gland before wire up.

How to install

Wire up



Step 5

Then using a “flat screw driver” vertically press the connector’s “orange” area, insert the prepared wire to the hole .

06 Tighten up the gland.

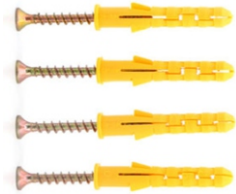


Step 6

Reattach the wire cover.
Tighten up the screw .

How to install

Wall mount



Step 1

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

- First to drill the expansion screw holes on the wall
- Then Insert the expansion plug
- Complete against the charger to the wall, insert the screw with sleeve to tighten up the screws

Step 2

Reattach the front cover to the charger.

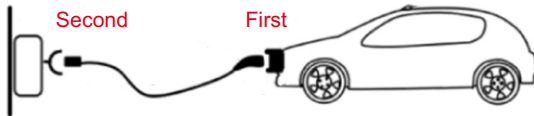
Congratulations

You can use your MINI charger to charge your EV now!

How to charge

In order to charge a vehicle, the following steps should be followed.

- Make sure the MINI charger is power on
- Plug the cable into the vehicle
- Plug cable into MINI charger
- The Vehicle should start to charge

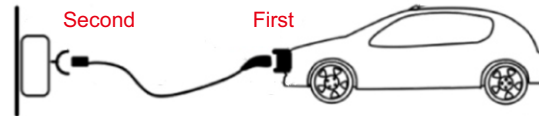


How to stop charge

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 MINI charger

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



Lights indicator

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 ECxxxxxxxxxx

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.

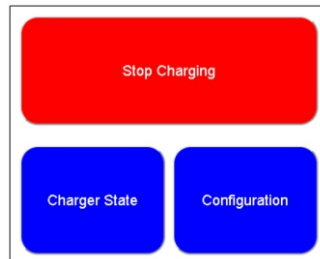


•open your device web browsers

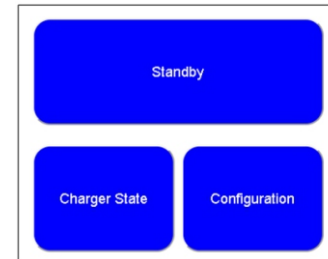
Input the Wi-Fi address : 192.168.1.1

The page will jump to this as follow :

Charging ▼



Standby ▼



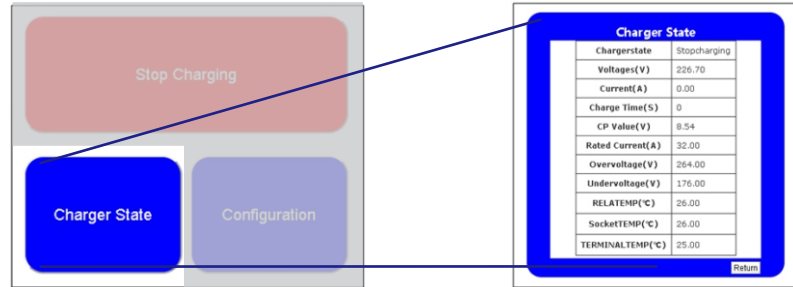
Connection via Wi-Fi

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

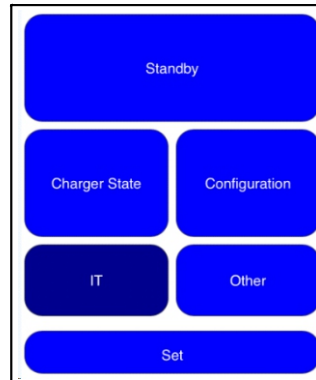


•Power supply system

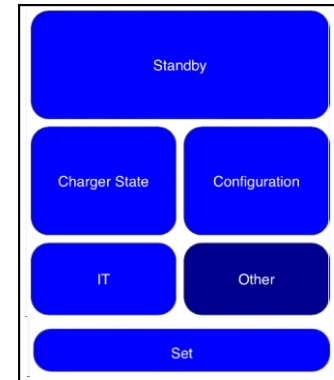
The charger can use in IT/TT/TN , choose what your local power supply system

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.

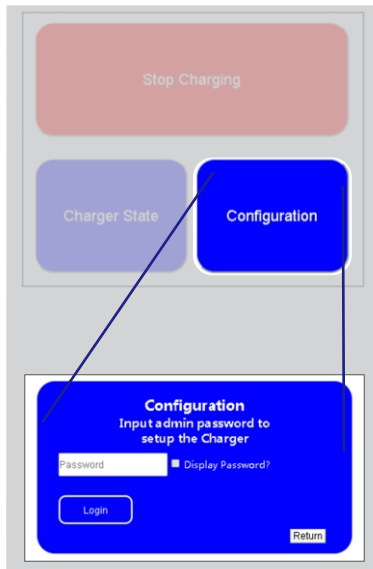
•Set the current via Wi-Fi

Step 1

Press the “Configuration” button.

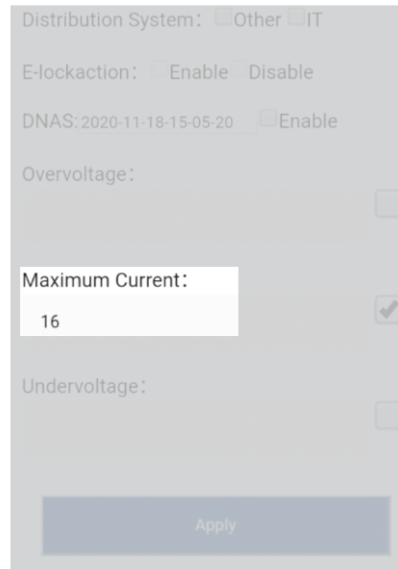
step 2

Input the configuration code “CENTECH”,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.

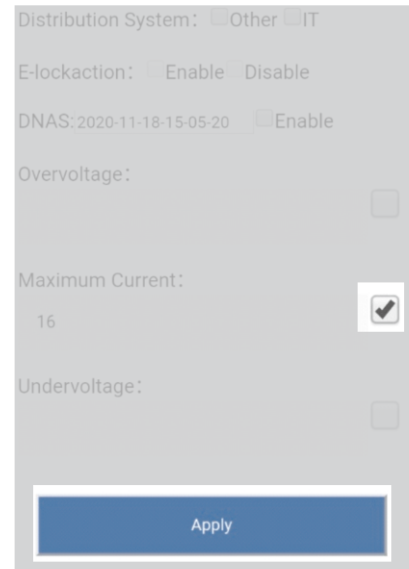


Step 4

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/TT/IT
INPUT:	230V AC, 50 Hz, 1P+N+PE
OUTPUT: Max 32A	RATED POWER: Max 7.4KW
CONNECT MODE:	Case B
OPERATING TEMPERATURE:	-25°C~+50°C
ENVIRONMENT HUMIDITY:	≤95%RH
IP DEGREE: IP54	WEIGHT: 2.5 KG

NOTE

Easy Charger

Xi'an TGOOD LINCHR New Energy Technology Co., Ltd. Http: <http://www.linkcharging.com>
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