

Quick Installation Guide

EV Charger

IDC30E



Tools



Working shoes



Goggles



Insulating gloves



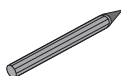
Earplugs



Dust proof mask



Vacuum cleaner



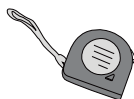
Marker



Phillips Screwdriver



Gradienter



Measuring tape



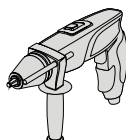
No.13 wrench
No.19 wrench



French wrench



Rubber hammer



Electric drill



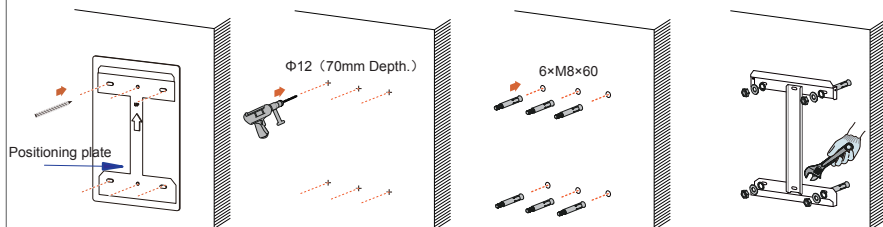
Cable drilling tool:
 $\Phi 12/\Phi 18$



Pan head tamper proof
wrench set

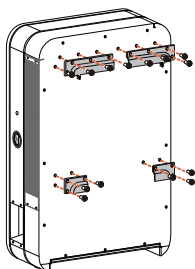
Wall-mounted charger installation

Fix the holding bracket onto the wall



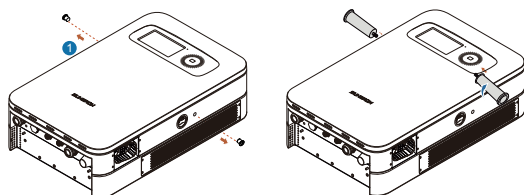
Attach the bracket holders onto the charger and twist in the handrails.

1



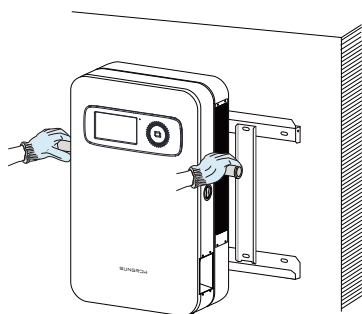
14×M5×12 Hexalobular socket pan head tamper proof screws

2

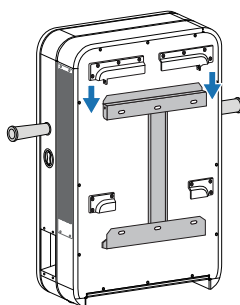


Install the charger .

1

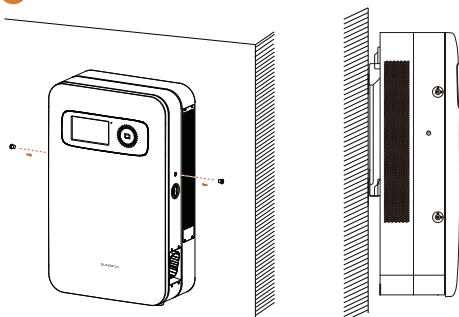


2

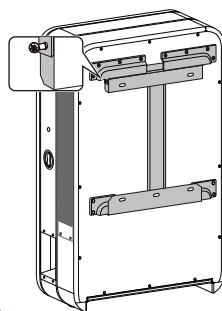


After detaching the handrails, place the sealing plugs into the handrail holes.
Secure the charger's bracket holders onto the mounting bracket.

3

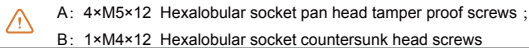


4

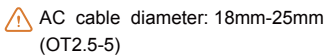


2×M5×12 Hexalobular socket pan head tamper proof screws

Install the connector socket onto the charger.

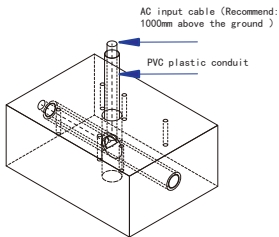
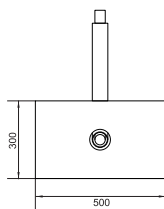
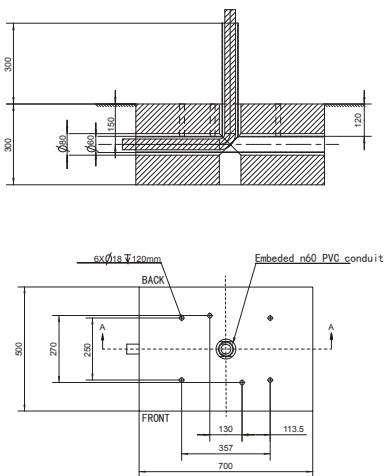


Connect the charger to the AC input.



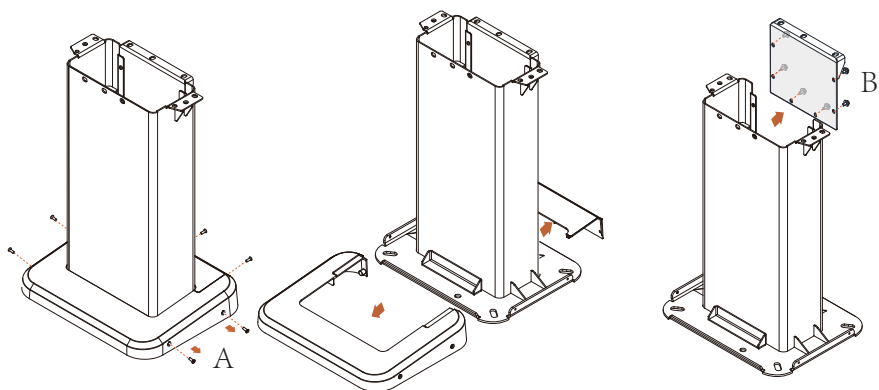
Pole-mounted charger installation(optional)

Charger foundation recommendation dimensions.



(Units: mm)

Remove the mounting pole's top cover and rear cover .

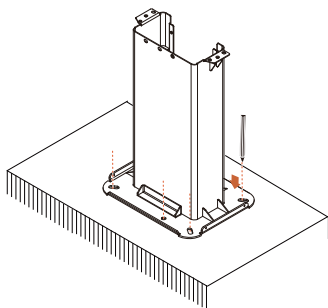


A: 6×M5×14 Hexalobular socket countersunk head screws;

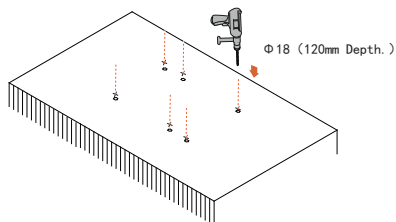
B: 6×M5×12 Hexalobular socket pan head tamper proof screws

Place the pole mount to a proper position on the ground. Mark the positions and drill the holes.

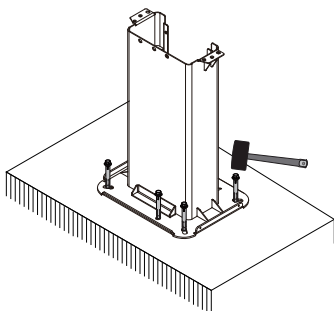
1



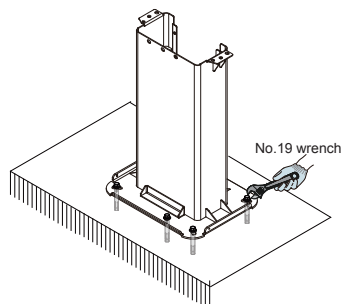
2



3

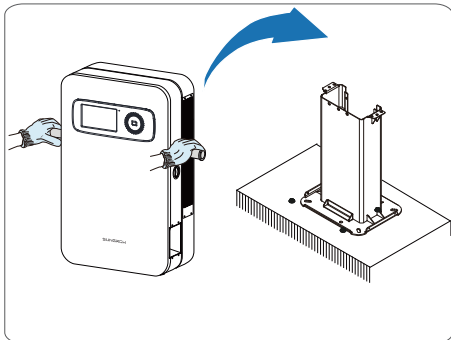
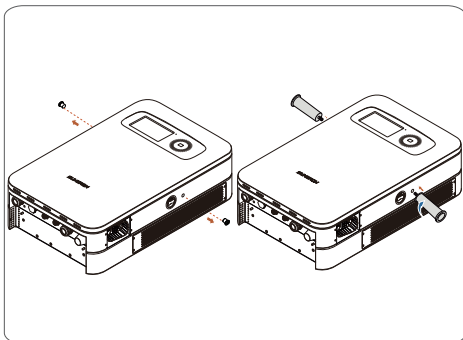


4

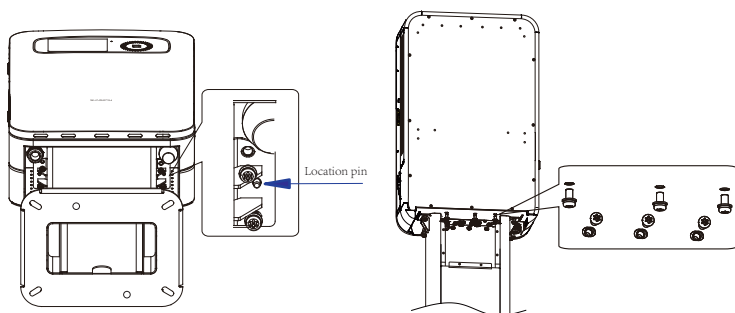


6×M12×110 Expansion screws

Twist in the handrails and lift the charger onto mounting pole.

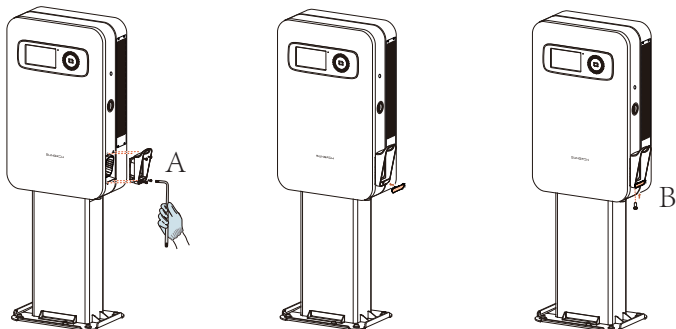


Install and secure the bottom cover.



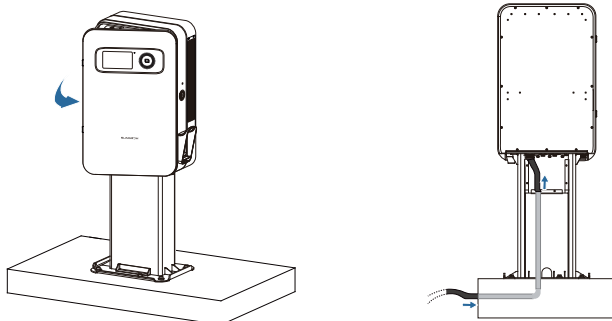
 10×M8×16 Hexalobular socket pan head tamper proof screws

Install the connector socket.

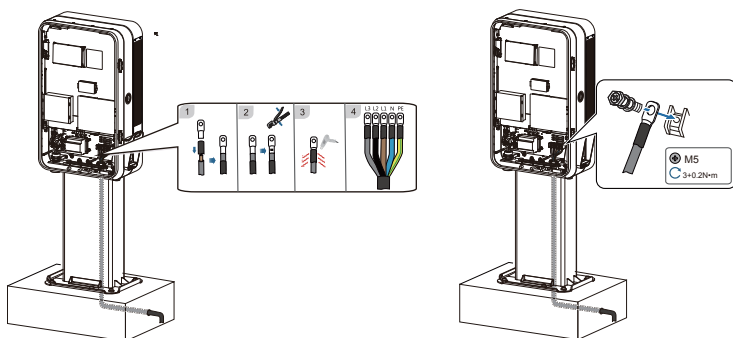


 A: 4×M5×12 Hexalobular socket pan head tamper proof screws ;
B: 1×M4×12 Hexalobular socket countersunk head screws

Open the cabinet door and connect the AC cables.

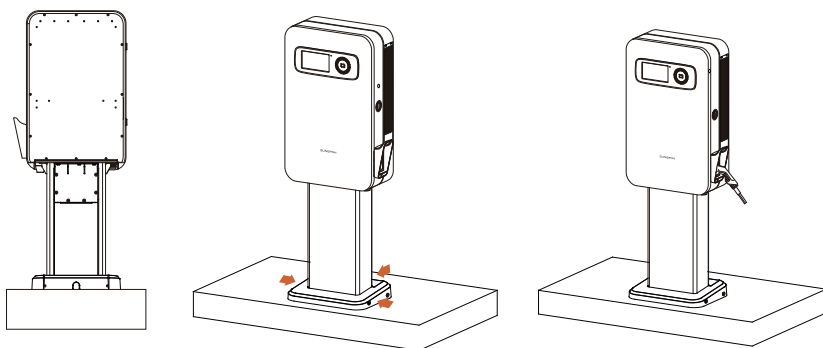


Connect the charger to the AC input.



⚠ AC cable diameter: 18mm-25mm (OT2.5-5)

Install the mounting pole's top cover, rear cover and the charging



Connect the Charger to Internet

⚠ ATTENTION

- The ethernet cable is plugged in the RJ45 socket “LAN”.
- Or the SIM card is inserted (The sim card should be inserted before powered up).
- Or a strong and stable Wi-Fi connection is present at the charger location.

Icon

Icon	Description
	When there is a network & a backend connection, you'll see this logo on the main page.
	When there is a NO network connection, you'll see this logo on the main page.
	When there is a network connection but no backend, you'll see this logo on the main page.

Login Operation and Maintenance Mode

- Step 1 Press the time in the upper left corner of any status page of the client for 4 second.
(Please refer to “User Manual P45 4.1”) ;
- Step 2 In the pop-up dialog box, enter the password “Cloud common dynamic password or 262924”and click “Enter”, enter operation and maintenance mode.

⚠ How to obtain the User Manual : Please scan the QR code on the back cover.

Check the network connection

Charger provides three network connection modes: "Wifi mode", "SIM mode" and “Eth mode”.

SIM card

- Step 1 Insert the SIM card while the charger is off ;
- Step 2 Click to read the SIM card information;
- Step 3 Click "APN" and enter APN code (APN is required for some SIM cards);
- Step 4 If the SIM card comes with a PIN code, click "PIN"and enter the PIN code in the pop-up dialog box;
- Step 5 Click to save the settings (note: "undo" to undo the changes; "redo" to restore settings);
- Step 6 Click to close the dialog box.

Fig.1 Config_1 tab-Sim Card

Wifi

- Add Wifi

- Step 1 Click "ADDSSID" and enter SSID and Password in the pop-up dialog box;
- Step 2 Click "OK" to save the settings.

- Delete Wifi

Step 1 Click "SSID List" to select the Wifi to be deleted;

Step 2 Click "DeleteSSID" to delete the settings.

- Edit Wifi

Step 1 Click "SSID List" to select the Wifi to be edited;

Step 2 Double-click the Wifi information in "Content";

Step 3 Edit Wifi in the pop-up dialog box;

Step 4 Click "Save" to save the settings.

- Delete all Wifi

Click "DeleteALL" to delete all Wifi.

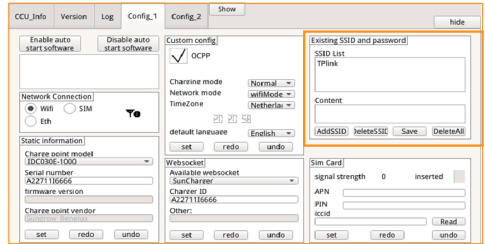


Fig.2 Config_1 tab-Wifi

⚠ If successful you should see this logo  or this one .

⚠ ATTENTION

When you will connect the charger to internet for the first time, the charger will connect to Sungrow Monitoring Platform it's why you might see this logo:  but it's still not connected to the EV charging backend.

Connect the Charger to the Backend

⚠ ATTENTION

To connect the charger to the backend, make sure the charger is connected to internet:  or .

Check the backend connection

Step 1 Enter operation and maintenance mode;

Step 2 Click the "Available websocket" drop-down menu to select "Others";

Step 3 Insert the websocket address in the pop-up dialog box;

Step 4 Click to save the settings;

Step 5 Restart the charger.

(When AC input shutdown, make sure the screen is black and then power on)

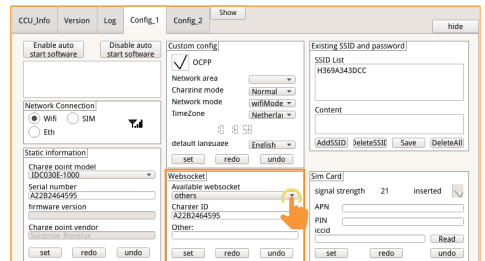


Fig.3 Config_1 tab-Websocket

⚠ If successful you should see this logo , now it means that the charger has created a connection with the EV charging backend.



More information in the QR code or
at <http://support.sungrowpower.com/>