

Group management model guide

(for the pedestal EV charger with 2 charge points)

IMPORTANT:

1. Before using the charger group management model, you need to know the **Main charger** and the **subordinate charger**.

1-1 Main charge point

1-2 2-1 2-2 3-1 3-2 4-1 4-2 5-2 Middle subordinate charge points

5-2 Tail subordinate charge point

Main charger point: The only charger in the charger group management connected with CT clamp and set as 1300 charger number in APP.

subordinate charger points: other chargers in the charger group management (maximum number of chargers that can be group managed is 9 and this is to be set in the App as 1301 – 1309 under enter charging point code. So for the main charger point the code will be 1300 and the second charger as 1301 and the third as 1302 and so on depending on the number of chargers.) and set as 1301-1309 charger number in APP.

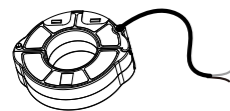
NOTE 1: The setting of charger number refers to "Enter charging pile code" in APP settings.

NOTE 2: If group management is used then the solar function cannot be used.

NOTE 3: A EV charger group can be connected A maximum of 5 pedestal EV chargers (With 10 charger points)

NOTE 4: optional extra.

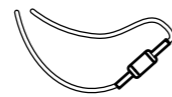
OPTIONAL:



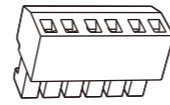
CT(400A)



Twisted-pair



Resistor(120Ω)



CT terminal

INSTALLATION

Warning: All wires should not be entered through the opening of the back door, otherwise the wires will be pinned down when the back door is locked. Please connect the wire through the machine inlet hole.

1. Main charge point and Tail subordinate charge point: Crimp both ends of the resistor(120Ω) and the Twisted-pair to the RS485 terminal block.

Middle subordinate charger points: Just crimp both ends of the tie line wire to the RS485 terminal block.

NOTE: Prohibited connect the resistors to the Middle subordinate charger points.

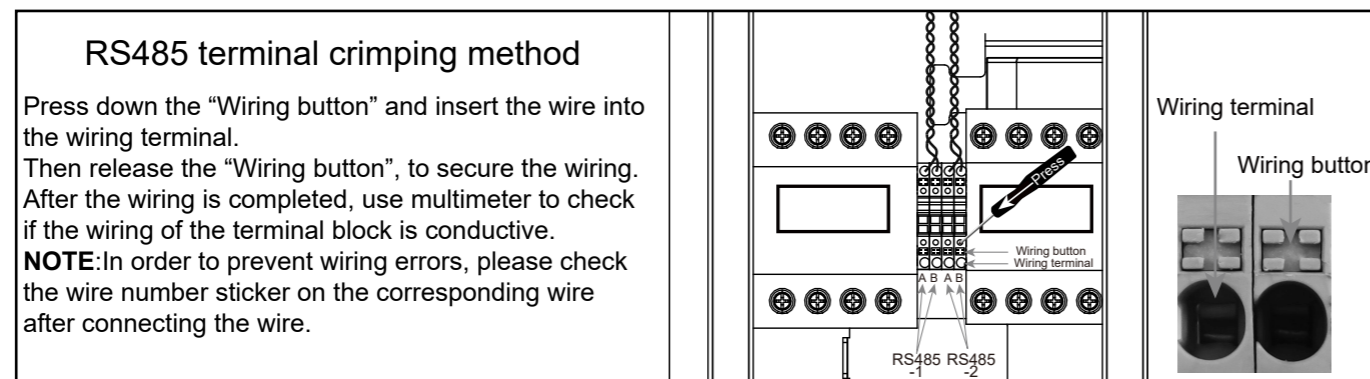
As shown in Fig.5 on page 3 .

2. Crimp the CT wire to the CT terminal block, Then connect it to the CT interface (on PCB of Main charge point). As shown in Fig.4.

NOTE: single phase model without CT2 and CT3 terminal blocks.

3. Press the red button on the CT clamp to open it and fixed it to the main incoming line (one CT is only allowed to pass through one line.)

4. Connect all twisted-pairs from the subordinate charger in parallel to RS485 terminal block of the main charge point .

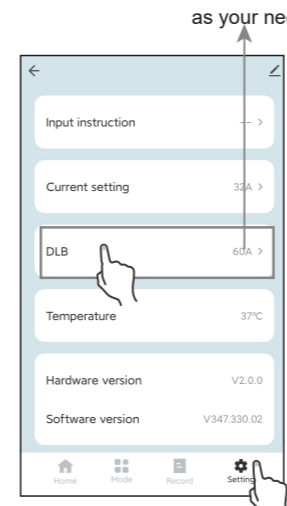


APP SETTING

1. Set Main charger point DLB(Fig.1): To set the main charger point maximum current(as your need): Click **DLB** tab to enter command input field, the setting range is **0-999**, and the factory default setting is **60** (the system will automatically optimize the current value when the actual value is 5 less than the value set): the setting value is recommended to be set according to the rated current value of the total charger group current.

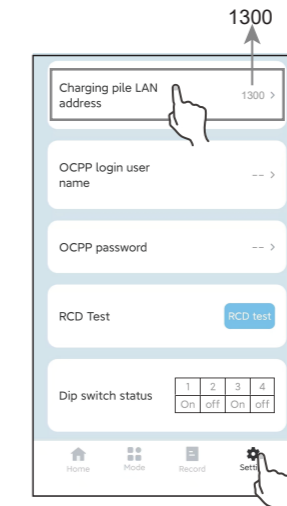
2. Charging pile LAN address: Setting in APP **main charger point** code is **1300**(Fig.2), **subordinate charger points** code is **1301 - 1309**(Fig.3). (The second charger as 1301 and the third as 1302 and so on depending on the number of charger points.)

NOTE: Other code are invalid.



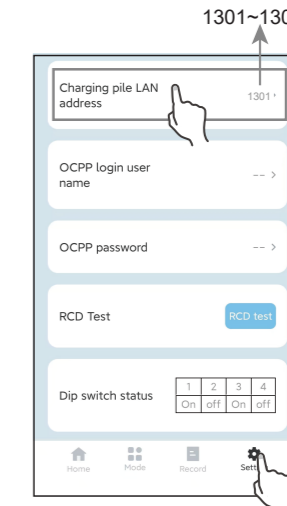
Set Main charger point DLB

Fig.1



Main charger point

Fig.2



Subordinate charger points

Fig.3

1-1 Main charge point CT Wiring

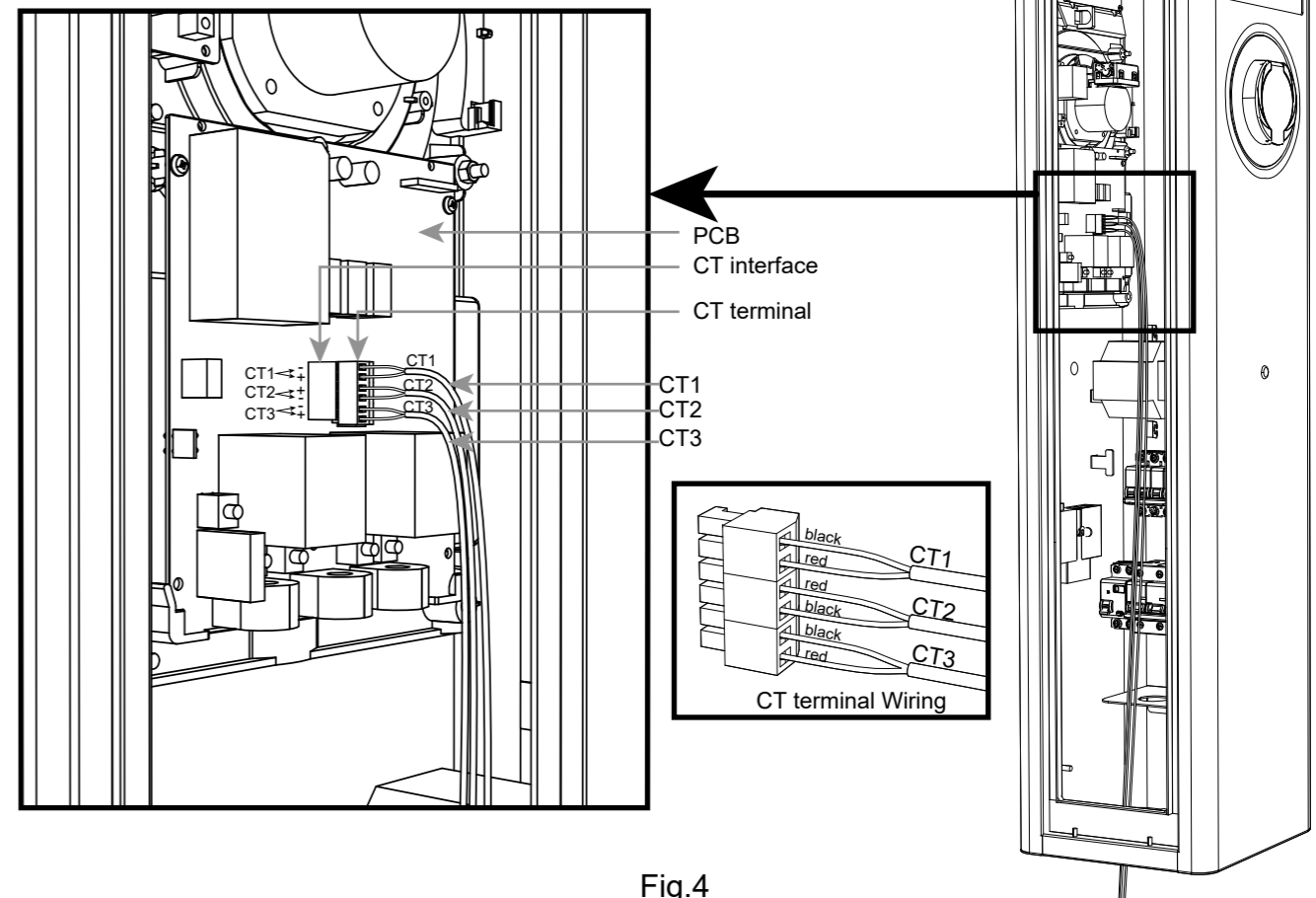


Fig.4

Fig.5

