

Electric Vehicle AC Charger INSTRUCTIONS MANUAL

DAOLAR

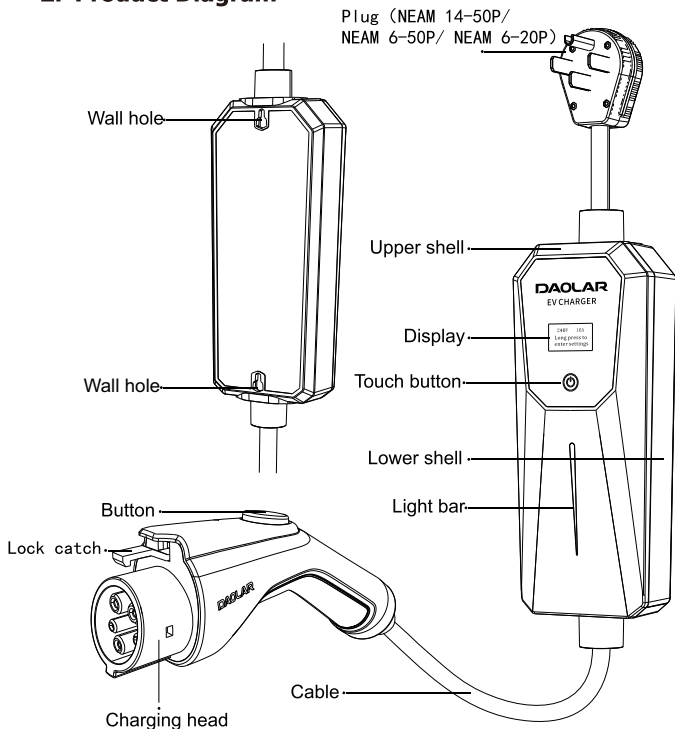


Thank you for your purchase. To ensure smooth operation of product, please read this manual carefully before use.







1. Product description

This product consists of control box, charger, plug, cable and converter. It is a portable electric vehicle charging device that enables car owners to safely and conveniently charge electric vehicles or plug-in hybrid vehicles anywhere, through a standard home power interface.

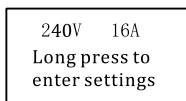
2. Product Diagram



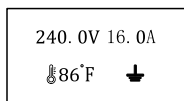
3. LED display light

light indicator							
color	status	description		color	status	description	
	full brightness	control box is powered on normally			slow flash light	ungrounded wire	
	meteor light	charging			full brightness	reserve charging	
	full brightness	finished charging			full brightness	Fault warning	

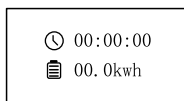
4. OLED display manual



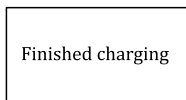
(Fig. 1)



(Fig. 2)



(Fig. 3)



(Fig. 4)



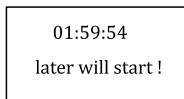
(Fig. 5)



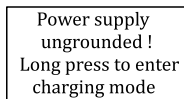
(Fig. 6)



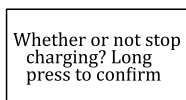
(Fig. 7)



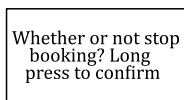
(Fig. 8)



(Fig. 9)



(Fig. 10)



(Fig. 11)

5. Function manual

5.1 Normal charging manual

5.1.1 Insert the plug into the wall socket, green light is on, control box is powered on normally. The screen interface is as shown in Figure 1.

5.1.2 If no function setting is required, please insert the charger to connect, the yellow indicator light is always on, wait for the vehicle authorization, which takes about 2 seconds.




5.1.3 The connection is normal, charging starts, and green light turns into a meteor light. (Fig. 2) and (Fig. 3) alternate flashing.

5.1.4 After charging is completed, green light is shown. (Fig. 3) and (Fig. 4) alternate display.


Note: This product has the function of automatic power off when fully charged





5.2 Current switching instructions

5.2.1 Insert the plug into wall socket, green light is always on, the control box is powered on normally. Long press to enter the setting interface. (Figure 5)

5.2.2 Click  to select [Current Switching], long press to enter current selection, click  to select the adaptation current (Fig. 6), and long press  to confirm to complete the setting.

5.3 Charging instructions for appointment

5.3.1 Insert plug into wall socket, green light is always on, shows that control box is powered on normally. Long press  to enter settings. (Figure 5)

5.3.2 Click  to select [charging reservation], long press  to enter reservation selection, click  to select the start time of the scheduled charging (Figure 7), long press  to confirm, and complete the setting. Enter into timer mode, please insert the charger (Figure 8).


5.3.3 While on timer mode (Figure 8), the yellow indicator light is always on; when the time is up, it will automatically enter into normal charging mode.

Note: Do not insert charger until setting is done.

5.4 Ungrounded emergency use instructions



5.4.1 Insert the plug into wall socket, product will automatically detect grounding state.

5.4.2 If grounding is normal, enter normal charging mode; if the grounding is abnormal (Figure 9), the yellow indicator light flashes slowly.

5.4.3 If emergency charging is required, please press and hold  to enter the normal charging setting after confirmation.



Note: When the grounding is abnormal, it is recommended to stop charging and replace the socket with normal grounding for charging; it cannot be in emergency charging mode for a prolong time.

5.5 Emergency termination of charging

5.5.1 For emergency power off, please press and hold  for 3 seconds (Figure 10), and then press and hold  again to confirm to stop charging.

Note: During the normal charging process, do not forcefully pull out the plug or charging head.

5.6 Cancellation of scheduled charging

5.6.1 If you want to cancel the scheduled charging, please press and hold  for 3 seconds (Figure 11), and then press and hold  to confirm to cancel scheduled charging.

6. Technical parameters

Order	Technical indicators	Requirements
1	Rated input voltage	120V/240 AC
2	Rated output voltage	120V/240 AC
3	Rated charging current	16A/32A
4	CP signal	Frequency 1KHz \pm 30Hz, \pm 12V, 13A Duty ratio 21.7%
5	Standby power consumption	Lesser than 3W
6	Operating temperature	-22 \sim +122°F
7	Storage temperature	-40 \sim +158°F
8	Life cycle	More than 10000 times
9	Flammability rating	UL94-V0
10	Protection class	IP66(control box), IP66(charger)
11	Safety protection	CP abnormal protection, over voltage protection, short circuit protection, under voltage protection, over current protection, leakage protection, over temperature protection, lightning protection
12	Length	5M/10M/15M
13	Product model	F07-U16A

7. Safety protection manual

7.1 Leakage protection: After the leakage protection is activated, it needs to be powered off and restarted to recover.

7.2 Overcurrent protection: When the current exceeds the warning value, the control box will cut off the power output, and automatically restart after 10S. After 4 cycles, it will not automatically recover, and it needs to be powered off and restarted to recover.

7.3 Overvoltage protection: When the voltage exceeds 275V, the protection is activated, and it will automatically recover after the voltage is restored and stabilized.

7.4 Under-voltage protection: when the voltage is lower than 100V, the protection is started, and it will automatically recover after the voltage is restored and stabilized.

7.5 Temperature protection: start protection when the temperature in the control box exceeds 176°F, and automatically recover when the temperature drops to 167°F

8. Caution when using

8.1 This product must be plugged into a grounded socket for grounding use to avoid the risk of electric shock without grounding.

8.2 When using this product to charge, it is necessary to couple the gun head and the vehicle interface in place.

8.3 When using this product to charge, it is forbidden to charge the control box in the air to prevent the power plug from being badly contacted and ablated.

8.4 Use the work process to withstand high current, do not touch sharp metal conductors to prevent electric shock accidents.

8.5 The outer shell of the product is made of thermoplastic, so it should not be impacted by external force so as not to affect the use.

8.6 When starting to charge, first insert the plug to connect to the power supply, and then insert the gun head to connect to the vehicle. After charging, first pull out the vehicle end of the gun head and then pull out the power end plug

8.7 When charging, it is strictly forbidden to place the device in the car or in a confined space; it is strictly forbidden to place the device near objects that will generate high temperature.

8.8 This product can be used both indoors and outdoors.