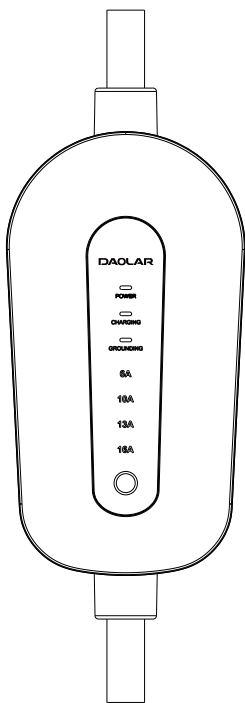


Electric Vehicle AC Charger

DAOLAR



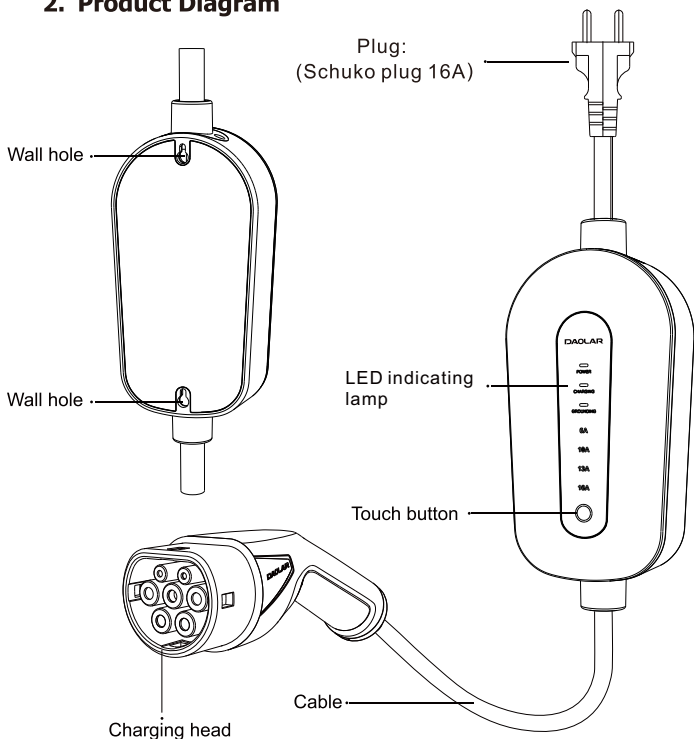
INSTRUCTIONS MANUAL

F095-E16A





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.

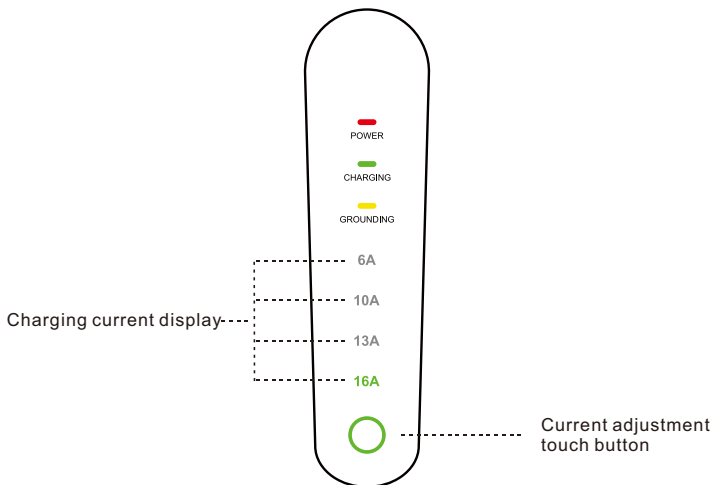
2. Product Diagram



3. LED light

light indicator		
color	status	description
	full brightness	control box is powered on normally
	slow blinking	charging
	full brightness	finished charging
	full brightness	normal grounding
	not lit	ground anomaly

4. Display manual




5. Function manual

5.1 Normal charging manual

- 5.1.1 Insert the plug into the wall socket, the red power light will turn on, control box is powered on normally.
- 5.1.2 If no current setting is required, please insert the charger to connect.
- 5.1.3 The connection is normal, charging starts, The green charging light slowly blinks.
- 5.1.4 After charging is completed, green light is shown.

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

5.2 Current switching instructions

- 5.2.1 Insert the plug into the wall socket, the red power light will turn on, control box is powered on normally.
- 5.2.1 Click  to select the desired current ,please insert the charger to connect.

Note: Do not insert charger until setting is done.

5.3 Stop charging

- 5.3.1 If you need to stop charging, unlock the car and unplug the car charging connector.

Note: Do not unplug the power supply socket during the charging process.

6. Technical parameters

Order	Technical indicators	Requirements
1	Rated input voltage	230V AC
2	Rated charging current	16A
3	Standby power consumption	Lesser than 3W
4	Operating temperature	-30 ~ + 50°C
5	Storage temperature	-40 ~ + 70°C
6	Life cycle	More than 10000 times
7	Flammability rating	UL94-V0
8	Protection class	IP65
9	Safety protection	over voltage protection short circuit protection under voltage protection over current protection leakage protection over temperature protection CP abnormal protection Flame retardant protection Grounding protection Lightning protection

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 90V, 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 85°C, and automatically recover when the temperature drops to 75°C.

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.

9. Troubleshooting and Service

9.1 Troubleshooting Table

Item	Problems	Solutions
1	Ground fault	Make sure the charger is grounded correctly.
2	Power failure	Make sure the switch to the circuit breaker is on.
3	Over-heating	Check whether the EV charging cable is securely connected.Ensure the operating temperature is within the specified range on the product label.Stop charging. Restart charging until it is within the operation temperature range.
4	Residual current detected	Unplug the vehicle and plug in again. If the problem persists, contact customer support.

9.2 Service

If you cannot find solutions to your problems with the aid from the table above,please contact our technical support.

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Email: support@dolar.com

Website: <https://eu.daolar.com>