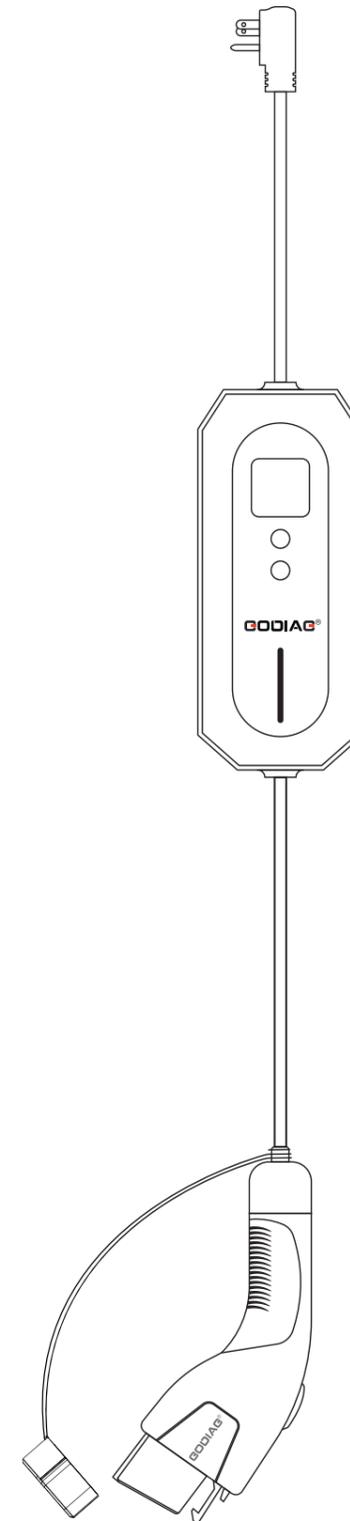


# **GODIAC<sup>®</sup>**

## **User Manual**



## **AC Portable EV Charger**

## AC SINGLE-PHASE PORTABLE EV CHARGER

### 1. Portable and Convenient

Simple and portable.

Charge your EV wherever and whenever.

### 2. Plug and Play

Easy operation, plug and play.

Charging EV just like charging your mobile phone.

### 3. Adjust current

Adjust current to meet different charging needs.

16A: 16/13/10/8A 4 gears current adjustment.

32A: 32/24/16/10A 4 gears current adjustment.

### 4. Scheduled Charging

1-12H scheduled charging.

### 5. APP binding and remote control

### 6. Friendly Interface

Intuitive HMI with LED indicators.

With LED screen display more intuitive.

### 7. Robust and Durable

Anti-corrosion and weather proof.

IP65 protection grade for better outdoor use.

### 8. Safe and Reliable

Current leakage protection to ensure safety.

Over temperature protection to ensure safety.

## PORTABLE EV CHARGER SPECIFICATIONS

Product Models		AC EV CHARGER SERIES	
		EV-B10	EV-B10
AC Nominal Input	Voltage	110V or 240V (When using 110V voltage, it is necessary to use it with a conversion head)	240V
	Frequency	60Hz	
AC Nominal Output	Current	16/13/10/8A (4 gears adjustment)	32/24/16/10A (4 gears adjustment)
	Power	3.7KW (MAX)	7.7KW (MAX)
Feature Design	LED Indicator	3 indicators	
	Display screen	LCD display	
	Charging Outlet	One charging gun (Type 1)	
Environmental	Operating Temperature	-30~ +50 °C	
	Working Humidity	5%~95% Without condensation	
	Working Altitude	<2000M	
Index	Protection Grade	NEMA Type 4	
	Application Site	Indoor / Outdoor	
	Cooling Method	Natural cooling	
Security Protection	Multiple Protection	Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection, Over current protection, Current leakage protection, Grounding protection.	
	MTBF	100,000 hours	
	Safety Standard	SAE J1772	

## PORTABLE EV CHARGER DISPLAY INTERFACE

### 1.LCD Display:

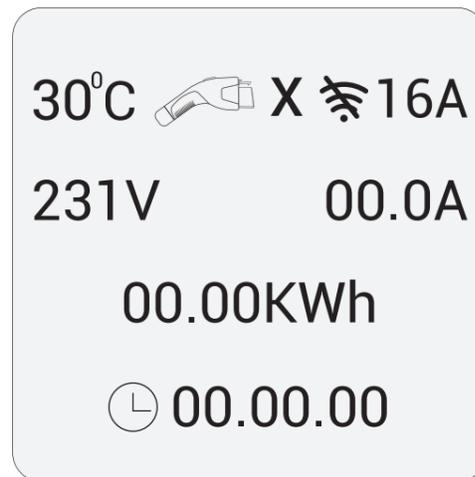
LCD display shows voltage and current gears.

### 2.LED Indicator:

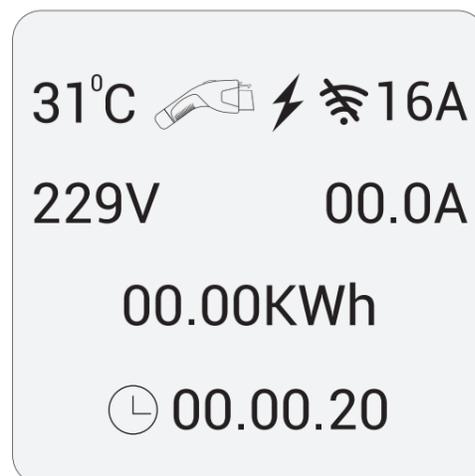
a. POWER LIGHT: Power indicator.

b. STATUS LIGHT: Charging status indicator.

The plug of the EV charger is plugged into the power source, but it is not plugged into the car.



Plug the charger into the car and the car enters the charging state.



## CHARGING OPERATION

When the charger is plugged into the car for charging, the current and appointment time cannot be adjusted at this time, and must be set before charging.

### Operation Guidelines for Portable EV Charger:

1. First, insert the plug of the portable EV charger into the power socket, it will perform a self-inspection.
2. Set the charging current: press the button to adjust the charging current.
3. Plug the EV charger into the AC charging port of the electric vehicle, and the portable EV charger starts to charge the electric vehicle.
4. After charging is completed, the "Charging Completed" interface will be displayed, allowing you to directly draw the charger. If you want to stop charging halfway, just unplug the charger.
5. Finally, put the EV charger back into the portable EV charger bag.

### ➤ Adjust the Current:

16A: 8/10/13/16A 4 gears current adjustment. The initial current is 16A. When the EV needs other currents for charging, you need press the current button to switch, the current switching sequence is 16A→13A→10A→8A→16A.

32A: 10/16/24/32A 4 gears current adjustment. The initial current is 32A. When the EV needs other currents for charging, you need press the current button to switch, the current switching sequence is 32A→24A→16A→10A→32A.

Note: When the power is turned on but the EV charger is not plugged into the electric car, the user can press the current button to adjust the current. When the EV charger is inserted into the electric car for charging, users can no longer adjust the current during the charging process, which is conducive to battery maintenance.

## ➤ Scheduled Charging:

Plug in the plug first, and then press the appointment button to make an appointment. The appointment time can be selected between 1-12H. When the countdown is over, the device starts charging the vehicle.

## ➤ APP download and binding use

a. To download the smart APP, enter the following address in the mobile browser:  
<https://developer.tuya.com/cn/docs/iot/tuya-smart-app-smart-life-app-advantages?id=K989rqa49rluq> Click the website and follow the prompts to install.

b. Qr code download:

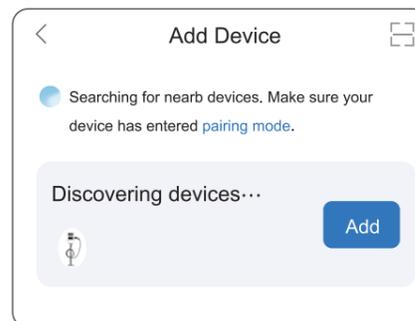


Open the mobile browser or other social software, scan the QR code, and follow the APP according to the prompts.

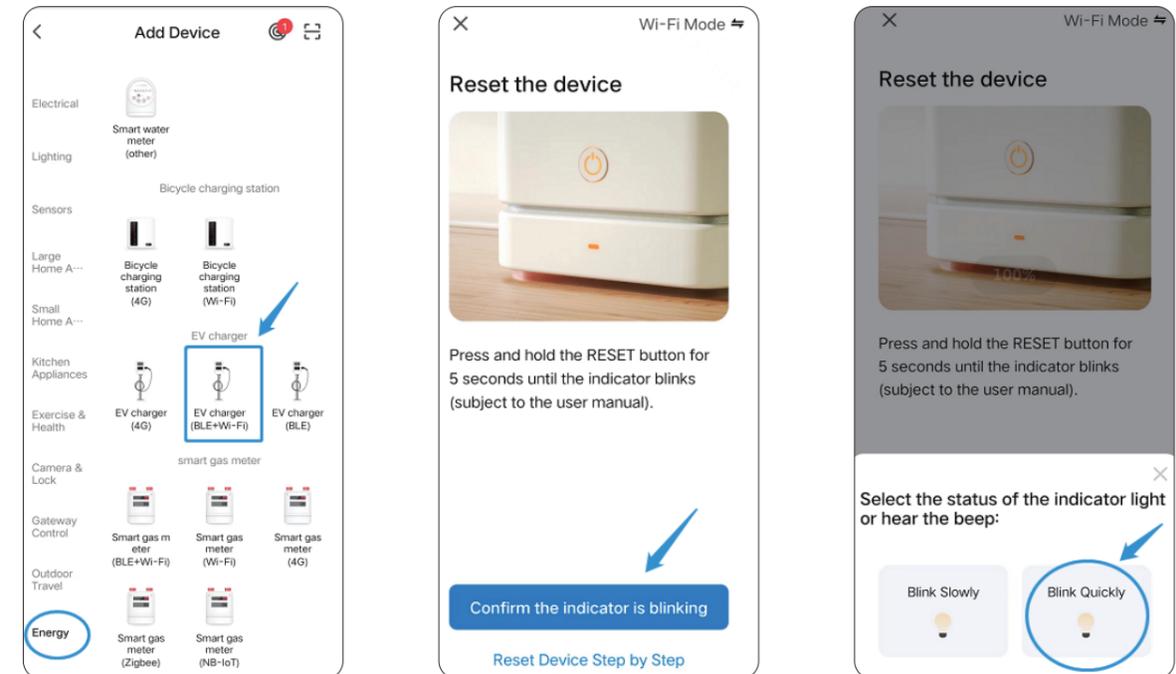
## ➤ Binding and Using Devices

a. Open the installed APP, click Agree privacy Statement, you can register with your mobile phone number, social software binding registration, and log into the APP after a successful registration. Plug and Charge to enter the Plug and Play charging mode. Open the Location, Bluetooth, and Wifi of the mobile phone. If the charging device is in standby state, the APP will automatically search for the charging device and the device name will be displayed.

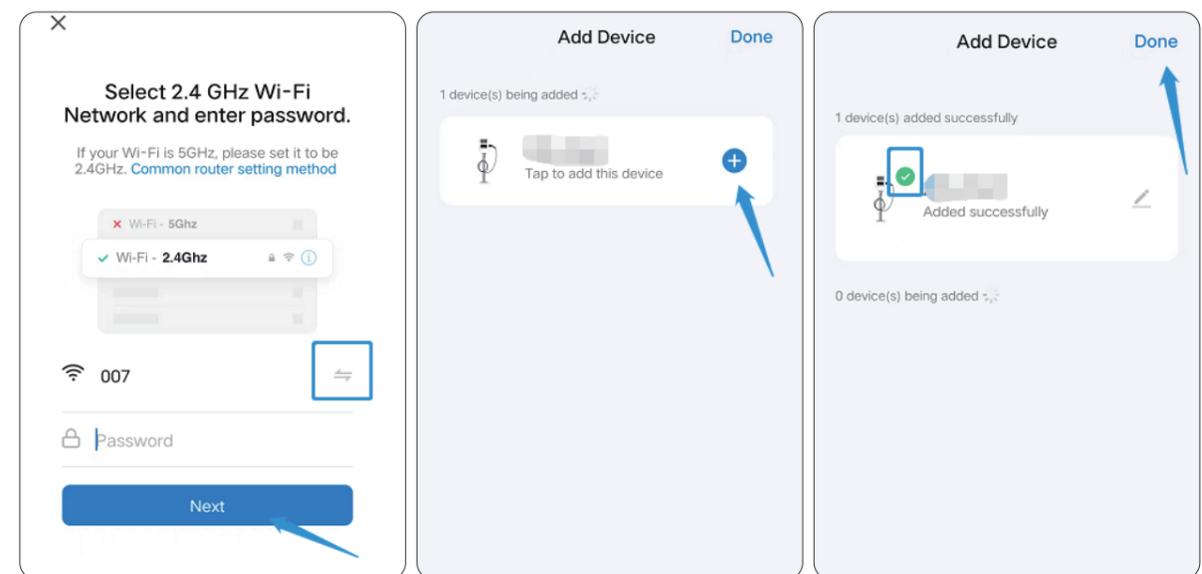
b. Click Add to add the device, enter the WIFI pairing interface, automatically identify the WIFI name of the phone. Click "Next", and the device will be automatically bound. After the binding is successful, a message will be displayed indicating that the device has been successfully added. Finally, click the icon of "Finish" and wait about 5 seconds for the device to be bound.



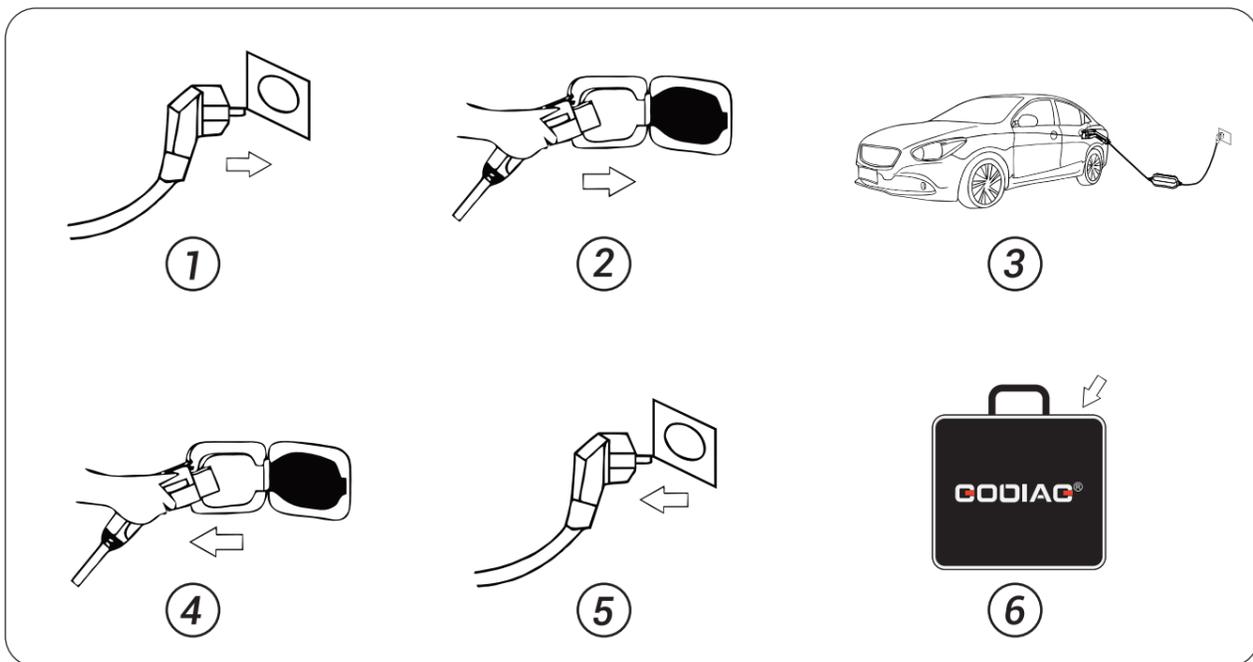
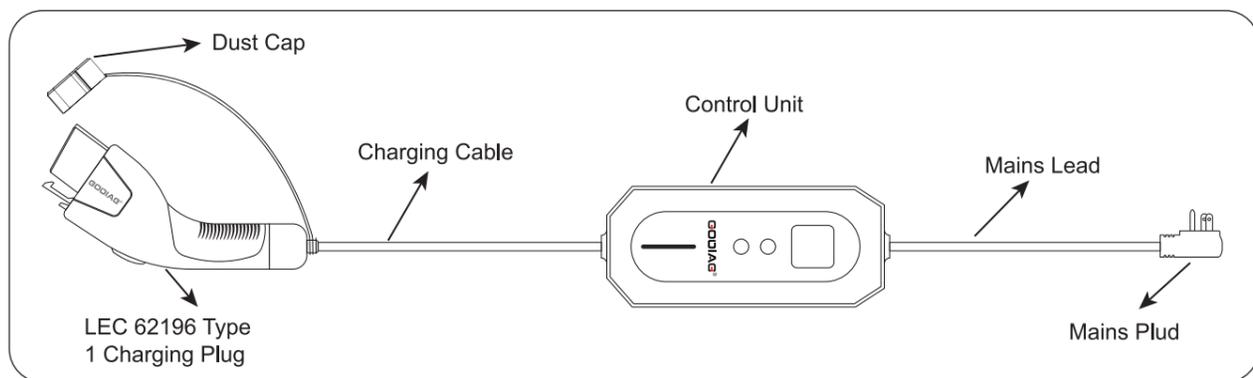
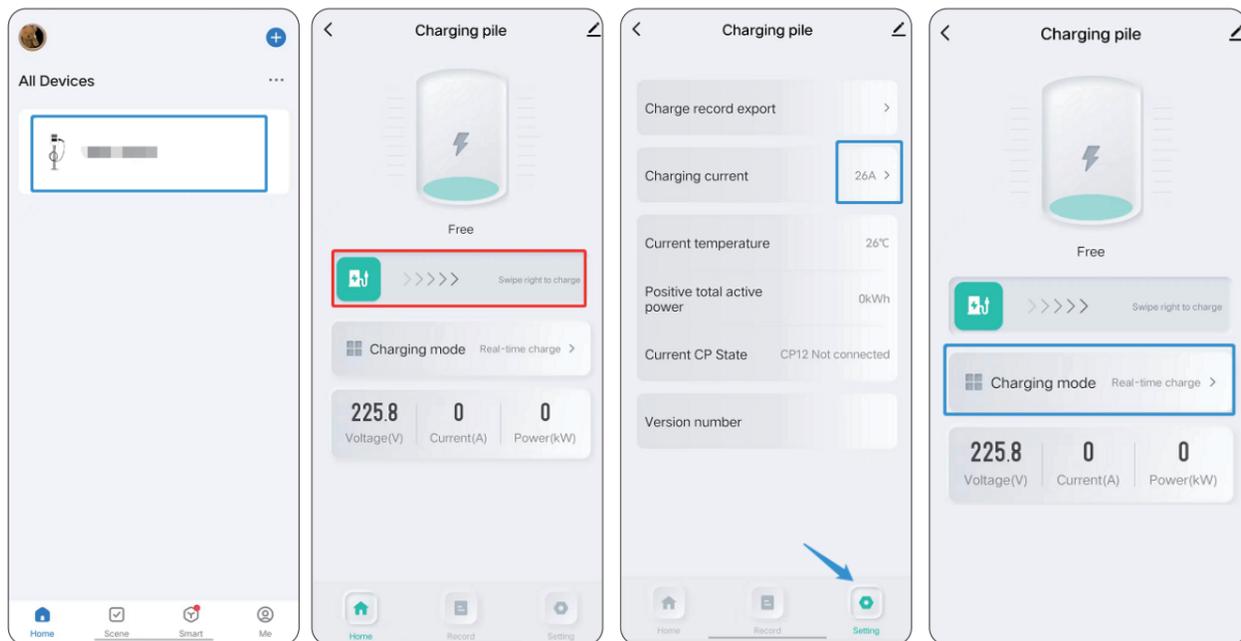
c. You can also click "+" in the upper right corner of the APP to manually add the device, select the category of "Energy saving" in the left column, pull up the device type, find the device "Car charging pile (Bluetooth + WIFI)", Click to enter, then follow the prompts and click on "Confirm if the indicator light is flashing", then click on "Quick flashing" again.



Enter the WIFI password (WIFI password connected to the mobile phone) and click Next to match the password, and always set the bound device as prompted.



After binding the device, charge it according to the APP interface. In addition, the application can also support the functions of "adjusting current" and "delayed charging".



## CHARGING FAULT DESCRIPTION

Charging indicator LED indicator status table	
<b>Three color indicators status</b>	blue light: standby green light: charging yellow light: failure
<b>Standby mode</b>	steady blue light
<b>Insert the EV charger</b>	steady green light
<b>The charger is charging</b>	green light flashing
<b>CP fault</b>	steady yellow light
<b>Over voltage or under voltage</b>	the yellow light blinks once for 1S
<b>No ground wire</b>	The yellow light blinks once for 2S
<b>Over current</b>	the yellow light blinks once for 4S
<b>Electric leakage</b>	the blue and yellow light blink once for 1S
<b>Over temperature</b>	the blue and yellow light blink once for 2S

## STORAGE

If the product is not used immediately after purchase, it should be stored in a dry and well-ventilated indoor place during short-term or long-term storage. Do not store in a humid environment or a place exposed to sunlight.

The equipment operates under normal operating conditions and usually does not require special maintenance during its service life. If you have any questions, please contact the manufacturer.

## WARNING

1. Do not use the device when the charging cable is damaged.
2. When using this product, the power supply line must be well grounded.
3. It is strictly forbidden to use external wires or adapters.
4. This equipment contains high voltage non-professionals should not open the cover.
5. Suggests: Use this equipment to charge electric vehicles in a ventilated environment.