

## User's manual



Before operating this product, please read the enclosed Operating Instructions completely

## Directory

- ◆It is forbidden to open the charging pile by non-our company's after-sales personnel or professional authorized personnel;
- ◆Do not disassemble, repair, or modify the charging pile and related ancillary facilities without permission. Improper operation may cause damage to the charging pile, water leakage, leakage of electricity, etc., or hidden dangers of personal injury. If there is any need for maintenance or modification, please contact the manufacturer;
- ◆Please follow the provided instructions and related tips to start and stop charging, and press the unlock button with appropriate force when unplugging or plugging the charging gun.
- ◆Do not put flammable, explosive or combustible materials, chemicals, combustible vapors and other dangerous items near the charging pile;
- ◆Keep the charging gun head clean and dry. If it is dirty, please wipe it with a clean dry cloth. It is strictly forbidden to touch the charging gun core when it is electrified;
- ◆It is strictly forbidden to use the charging pile when the charging gun or charging cable has defects, traces, abrasions, cracks, exposed charging cables, etc. If you find any, please contact the staff in time;
- ◆In case of rain and thunder, please charge carefully;
- ◆Children should not approach or use the charging pile during the charging process to avoid injury;
- ◆During the charging process, the vehicle is prohibited from driving and can only be charged when it is stationa

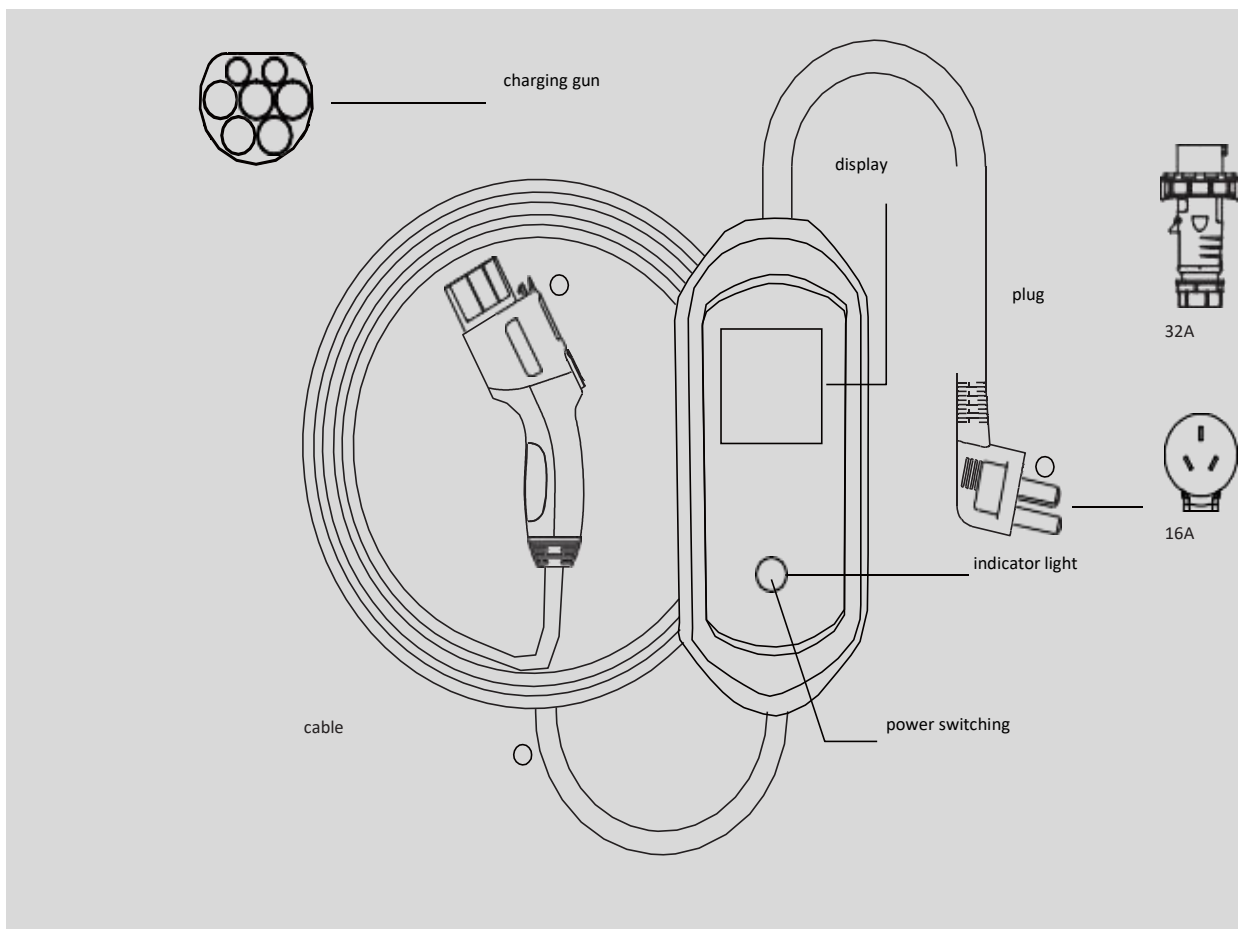
## **preface**

Thanks to the distinguished car owners for their support of this product. The company focuses on the field of new energy electric vehicle charging and is committed to providing customers with excellent charging equipment and complete charging operation solutions. The electric vehicle charging piles developed and produced by our company have advanced functions, stable performance, wide application range and strong practicability. They also have mature charging station construction and operation solutions and have a good reputation in the industry.

## **1.An overview of the**

### **1.1 Product introduction**

The SPG3E series of portable AC charging boxes are independently developed by our company and conform to the relevant national standards for Mode 3 AC charging pile products. Main advantages: 2.8-inch OLED screen displays operating status, high-efficiency charging, small size, easy transportation, multiple safety protection, multiple certifications (CE, CQC, RoHS), dual temperature detection function protection can withstand high and low temperature environments.



## 1.2 Functions and Dimensions



Temperature detection

Monitor the working temperature of the charger at all times. Once the safe temperature is exceeded, the charger will stop working and automatically resume when the temperature returns to normal

The chip automatically fixes the fault

The smart chip can automatically fix common charging errors to ensure the stable operation of the product

The power switch

Rated functions can be switched freely

2.8-inch display

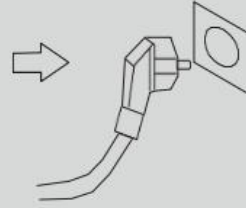
## 1.3 The basic parameters

Working voltage	AC220V plus or minus 20%
Working current	0-16A
Rated power	3.5 kW
Input frequency	50Hz/60Hz
The IP rating	IP65
size	235*92*53mm
The environment temperature	- 25 °C ~ + 50 °C
Environmental humidity	0-95 % no condensation
The highest elevation	<2000m

## ***Indicator light description***



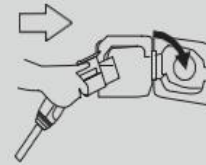
1. Connect the charging gun to the charging port on the vehicle



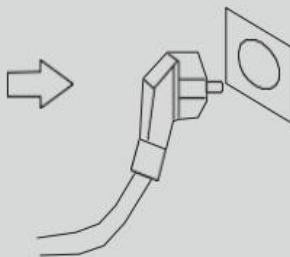
2. Connect the input to the wall power supply



3. The vehicle is in normal charging state



4. After charging, unplug the car side charging gun



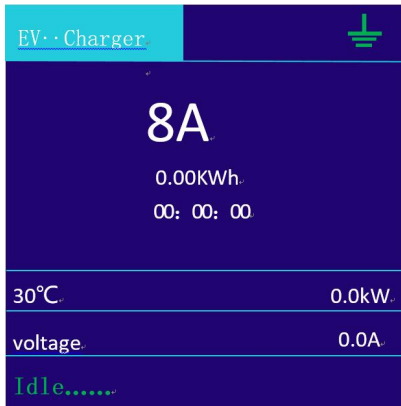
5. Unplug the charging input



6. Tidy up the gun string and put the recycling bag

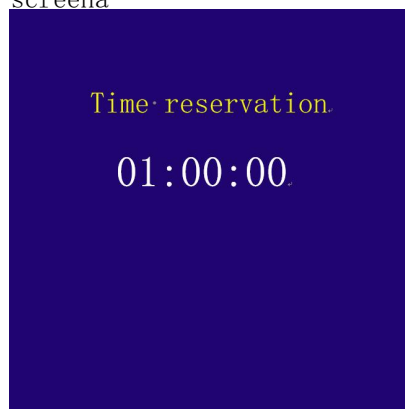
# Display Screen Interface

1. Users need to use 32A high-power plug and socket. Insert the industrial plug socket into the power switch, and the charging box starts;
2. Pay attention to the display screen when charging, and adjust the charging current to the power you want;
3. After charging, when some vehicles have the electronic lock function, please unlock the electronic lock function first, and then pull out the charging gun.



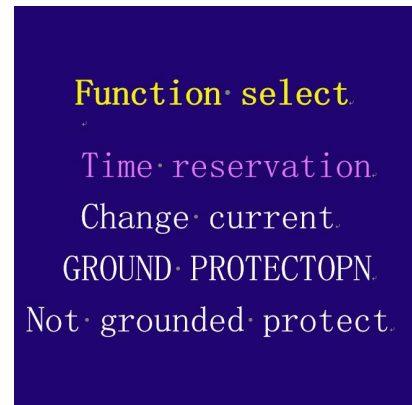
### The initial interface

Hold down for 3 seconds to enter the function setting screen



### Setting appointment Time

Click once for 1 hour



### Function Setting interface

Click Select and hold down for 3 seconds to confirm



### Power selection

Click to adjust charging power  
Press and hold for 3 seconds to confirm



## Indicator light description

Working Condition	Light is state		
	Red	Green	Blue
Power On (Unplugged)	/	Stays On	/
Insert the plug (Uncharged)	/	Flashing	/
Charging Mode	/	/	Flashing
Charging Completed	/	/	Stays On
Communication Error	Flashing 1	/	/
Under-voltage Protection	Flashing 2	/	/
Over-voltage Protection	Flashing 3	/	/
Ground Fault	Flashing 4	/	/
Over-current Protection	Flashing 5	/	/
Leakage Protection	Flashing 7	/	/
Over-temperature Protection	Flashing 8	/	/

## Trouble shooting

Fault phenomenon	Cause of failure
The power indicator is not on	The input is dead or the connection is not reliable
Charging failed	Charging gun is not inserted in place
The red light flashes for 1 second	CP voltage abnormal
The red light flashes for 2 seconds	Input under voltage or abnormal grid frequency
The red light flashes for 3 seconds	Input overvoltage or abnormal grid frequency
The red light flashes for 4 seconds	The charging box is not grounded or poorly grounded
The red light flashes for 5 seconds	Over current fault during charging
The red light flashes for 7 seconds	There is a leakage problem during charging
The red light flashes for 8 seconds	Over temperature protection



## Warranty service

1. This product implements "Three Guarantees", and the host is guaranteed within one year from the date of purchase;
2. During the warranty period, the manufacturer is responsible for free replacement or repair. If the warranty period is exceeded, the user should negotiate with the manufacturer to replace or repair by paid means.
3. The following situations are not within the scope of free warranty:
  - ① Other accessories other than the host.
  - ② The product is disassembled and repaired without the consent of the company.
  - ③ Damage caused by external force and other natural disasters.
4. When the user thinks that the company's products need to be repaired, please call our company or send the product to our company, we will repair it as soon as possible and send it back free of charge.
5. The warranty liability is limited to the maintenance of the product during the warranty period, and no other responsibilities are ass.