

# User Guide

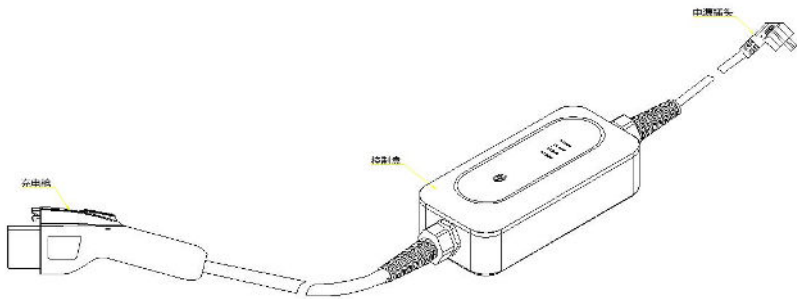
## Portablebox

Please read all instructions before using, operating or maintainin

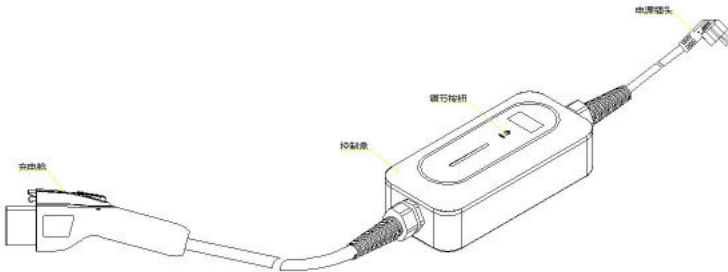
# 1. Product Descriptions

The portable charging cable is a product that is easy to carry and meets the plug-and-play charging needs of car owners. Our company independently develops and produces products that meet the latest domestic and foreign standards. This product has stable performance during charging, more comprehensive electrical protection, and more intuitive human-computer interaction interface. The appearance design of the control box is based on ergonomics, and adopts a curved three-dimensional structure design, which enhances the product's strength and prolongs its service life.

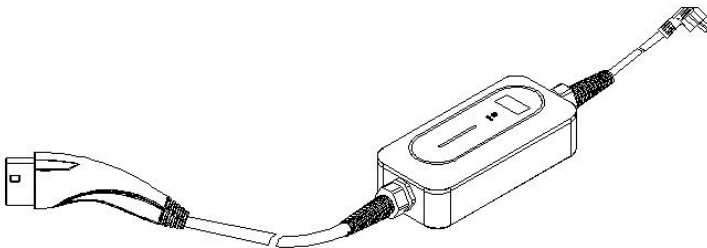
## 2.Product Type



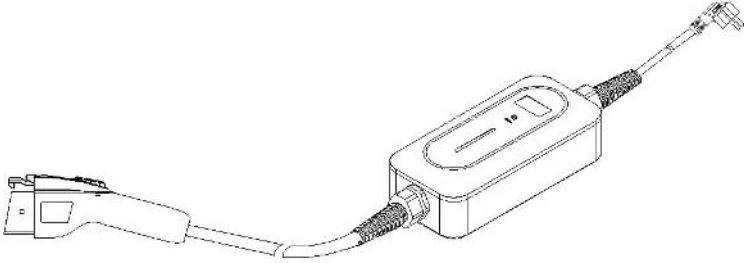
**GBT portable EV charger with indicator light**



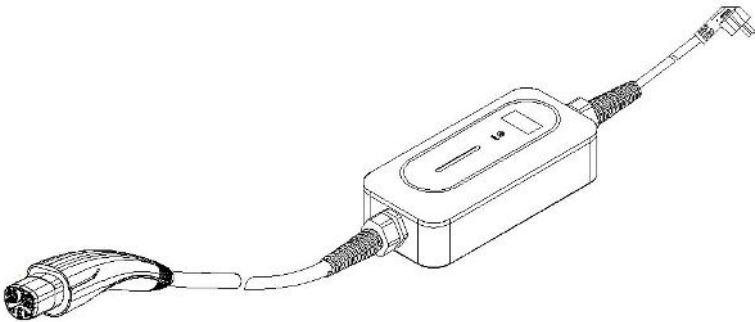
**GBT portable EV charger with OLED light**



**Type2 portable EV charger with OLED light**



## **Type1 portable EV charger with OLED light**



## **Tesla portable EV charger with OLED light**

|                       |                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Dimension             | Control Box:216(L)*100(M)*60mm(H)<br>Device cable: 5M or customized(L)                                                             |
| Installation          | Portable, plug and play                                                                                                            |
| Power Supply          | AC power supply socket                                                                                                             |
| Voltage               | AC 95-265V                                                                                                                         |
| Current               | 13A regular ,16A regular,32A regular<br>8A-10A adjustable<br>8A -10A-13A-16A adjustable<br>8A -10A-13A-16A-24A-32A adjustable      |
| Frequency             | 50Hz Or 60Hz                                                                                                                       |
| Safety Protection     | Leakage current; under and over voltage,<br>frequency, current; high temperature; grounding<br>protection and lightning protection |
| protection grade      | IP55                                                                                                                               |
| Operating Temperature | -25℃~+55℃                                                                                                                          |
| Storage Temperature   | -50℃~+85℃                                                                                                                          |

**The definition and action plan of indicator lamp are as follows**

| Number | functional status | Power indicator | Status indicator | Fault indicator 1 | Fault indicator 2 |
|--------|-------------------|-----------------|------------------|-------------------|-------------------|
| 1      | Initial state     | on              | Flashing<br>1 s  | Flashing<br>1 s   | Flashing<br>1 s   |
| 2      | Stay connected    | on              | off              | off               | off               |
| 3      | Normal charging   | on              | Flashing         | off               | off               |

Portable EV Charging Cable

|    |                             |    | 1 s |                            |                            |
|----|-----------------------------|----|-----|----------------------------|----------------------------|
| 4  | Charging complete           | on | on  | off                        | off                        |
| 5  | Self-test failed            | on | off | on                         | on                         |
| 6  | Communication exception     | on | off | off                        | on                         |
| 7  | Overvoltage, undervoltage   | on | off | on                         | off                        |
| 8  | Overcurrent                 | on | off | On 1s /<br>off 1s<br>cycle | off                        |
| 9  | Electric leakage            | on | off | On 1s /<br>off 1s<br>cycle | On 1s /<br>off 1s<br>cycle |
| 10 | Over temperature protection | on | on  | on                         | on                         |

**The definition and action plan of functional indicator lights are shown in the table below**

| Three color light panel |                   |      |                  |     |
|-------------------------|-------------------|------|------------------|-----|
| working condition       |                   | BLUE | GREEN            | RED |
| position in readiness   |                   | ON   | OFF              | OFF |
| Connection status       | Vehicle not ready | ON   | OFF              | OFF |
|                         | Vehicle ready     | OFF  | ON               | OFF |
| Charging state          |                   | OFF  | 1.5S on/1.5S off | OFF |

|                               |               |               |     |               |
|-------------------------------|---------------|---------------|-----|---------------|
| Vehicle paused while charging |               | OFF           | ON  | OFF           |
| Charge Complete               |               | 1 fast 1 slow | OFF | OFF           |
| SELF TEST FAILED              |               | OFF           | OFF | 5fast 1 slow  |
| leakage of electricity        |               | OFF           | OFF | 3fast 1 slow  |
| Overcurrent fault             |               | OFF           | OFF | 2ast 1 slow   |
| voltage                       | Over voltage  | OFF           | OFF | 4fast 1 slow  |
|                               | under voltage | OFF           | OFF | 3fast 2 slow  |
| Over temperature fault        |               | OFF           | OFF | 2fast 3slow   |
| CP fault                      |               | OFF           | OFF | 2 fast 2 slow |
| Ground failure                |               | OFF           | OFF | 7 fast 1 slow |
| Adhesion fault                |               | OFF           | OFF | 6fast 2slow   |
| Short-circuit fault           |               | OFF           | OFF | 5fast 2 slow  |
| Other faults                  |               | OFF           | OFF | 1 fast 2 slow |

## 4.Product instructions

### 4.1

#### Precautions

 **a.** Please check if the device is intact and items are accordance with the packing list when you receive the package. If there are any abnormalities, please contact the sales timely or reject the goods.

 **b.**Power-supply side input cable should be at least 3x6mm<sup>2</sup> (16A : 3x2.5mm<sup>2</sup>).It is suggested that the power distribution is done by the professionals.

 **c.** This product is waterproof, but it is not recommended to be used outdoors in rainy days, and don't step on, pull, fold or knot the cable.

 **d.** Ensure charging connector, plug, cable and control box are free of any

abnormalities such as scratches, rusts, cracks, etc.

 **e.** Don't charge if the socket is damaged, rusted, cracked or loosely connected, then contact the professionals to dispose.

 **f.** Wipe with a clean and dry cloth if the plug gets dirty or wet.

 **g.** Ensure power plug and socket are consistent before charging, especially the Current & Voltage.

## 4.2

### How to start charging

**Step 1.** Take out the charging cable and firmly insert the power plug into outlet.

**Step 2.** Pull cap lightly, completely insert the charging connector into your vehicle's outlet. The functional model needs to adjust the current or set the appointment for charging before inserting the charging gun into the vehicle.

**Step 3.** The device start charging automatically while the READY/CHARGE, POWER are all brighten green.

**Step 4.** Factory default current is 16A, please press the button of " **Switch** " if it does not match the charging requirement. The current increases , while press one First Gear. The current will be the minimum value (8A) when continue to press once if the current is 16A .he default current is 16A the next time you power up.

#### **Step 5: How to schedule a charging appointment**

**Long press and hold the "Switch" button for about 10 seconds, and the system will jump into the scheduled charging time interface. (01H) means charging after 1 hour. After selecting the scheduled time, insert the charging gun into the vehicle, and the product will enter the countdown state.**

 **警告 WARNING**

 Please make sure the rated current of the socket, and adjust the charging current , be sure to shall not exceed this value.



 Do not place the charging cable near high temperature object when charging.

## **How to stop charging**

**Step 1.** Disconnect the plug from the outlet.

**Step 2.** Press the button and disconnect the charging connector from the vehicle inlet.

**Step 3.** Close vehicle protective cap, put on the protective cap of charge connector.

**Step 4.** Pack up the charging cable and put into the bag.

## **3. Security Statements**

Charging equipment has high pressure inspection before they go out test, during the product trial, consumer can be at ease use.

## **5.Warranty**

Ensure the production of portable charging line are through strict quality inspection, within one year from the date of purchase under the correct use of caused by product quality problems, the company will give users the quality maintenance.

Any user due to their improper handling, installation, use and maintenance, secretly negligence or because of natural disasters, lead to products direct damage or cannot be used properly, are out of place in the product warranty.

This warranty does not include the freight returned to the factory maintenance.

The warranty is only valid to the original purchaser and is not transferabl