

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

Typel portable EV charger with OLED light

Tesla portable EV charger with OLED light

Portable EV Charging Cable

Dimension	Control Box:216(L)*100(M)*60mm(H) 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 8A-10A adjustable 8A -10A-13A-16A adjustable 8A -10A-13A-16A-24A-32A adjustable
Frequency	50Hz Or 60Hz
Safety Protection	Leakage current; under and over voltage, frequency, current; high temperature; grounding protection and lightning protection
protection grade	IP55
Operating Temperature	-25°C~+55°C
Storage Temperature	-50°C~+85°C

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 1 s	Flashing 1 s	Flashing 1 s
2	Stay connected	on	off	off	off
3	Normal charging	on	Flashing 1 s	off	off
4	Chargingcomplete	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 / off 1s cycle	off
9	Electric leakage	on	off	On 1s / off 1s cycle	On 1s / off 1s 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


Portable EV Charging Cable


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 $3 \times 6 \text{mm}^2$ (16A : $3 \times 2.5 \text{mm}^2$) .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 .the 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.

Step3. 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