



**BCPP-A1Z-16**

Type 2 Plug

**User manual**

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## 1. Safety Information

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Thank you for purchasing and using the electric vehicle mode 2 charger.  
This document contains important instructions and warnings that must be followed when using and maintaining the EV Charger.  
In order to help you to use the product correctly, please read this manual carefully before charging.



### Warning

- Read this entire mandatory document before using the EV charger.
- This device should be supervised when used around children.
- Do not install or use the EV Charger near flammable, explosive, harsh, or combustible materials, chemicals, or vapors.
- Use the EV Charger only within the specified operating parameters.
- Stop using and do not use the EV Charger if it is defected, cracked, frayed, broken, or otherwise damaged, or fails to operate.
- Do not attempt to disassemble, repair, tamper with, or modify the EV Charger. Contact use for any repairs or maintenance.
- Do not touch the EV Charger's end terminals with sharp metallic objects, such as wire, tools, or needles.
- Do not forcefully fold or apply pressure to any part of the EV Charger or damage it with sharp objects.
- Do not insert foreign objects into any part of the EV Charger.
- Before use, please confirm whether the parameters of the electric vehicle match the chargers, otherwise it may cause damage to the vehicle.



### Cautions

- For safe electricity usage, it is not recommended to use the device to charge in the open air on rainy days.
- Do not immerse the AC Charging device in water
- Do not step on the cable, pull the cable, bend the cable or tie the cable
- Do not drop the control box or put heavy objects on its surface
- Do not place the device near objects that generate high temperature while charging
- Do not put the device in the car or in a closed space while charging
- Do not operate the EV Charger in temperatures outside its operating range of -30°C to +50°C.
- When not charging, seal the charging connector interface with a waterproof silicone cover to prevent rain/moisture from entering and causing patina.



### Notes

- For electric vehicle charging only
- This product must be well grounded when using
- Do not use the device when the charging cable is damaged
- Do not put your fingers in the charging plug
- Do not use extra wires or adapters
- This produce does not contain user maintainable parts, please do not attempt to repair and maintain it yourself.
- If the device cannot be charger normally according to this operation manual, please contact the dealer for repair or replacement.

## 2. Product Introduction

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The all-in-one portable EV charger integrates the core control unit into the charging gun head, eliminating the need for an external control box. With a simple structure, it achieves the ultimate integration of charging equipment. It allows car owners to charge electric cars anywhere using standard home power ports, with high efficiency and portability.

### 2.1. Product Appearance

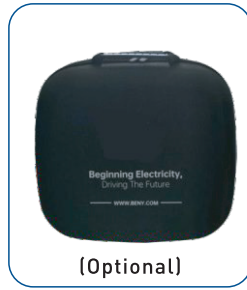




## 2.4. Product Packing List

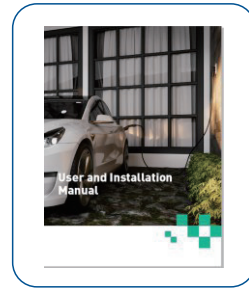


x1



(Optional)

x1

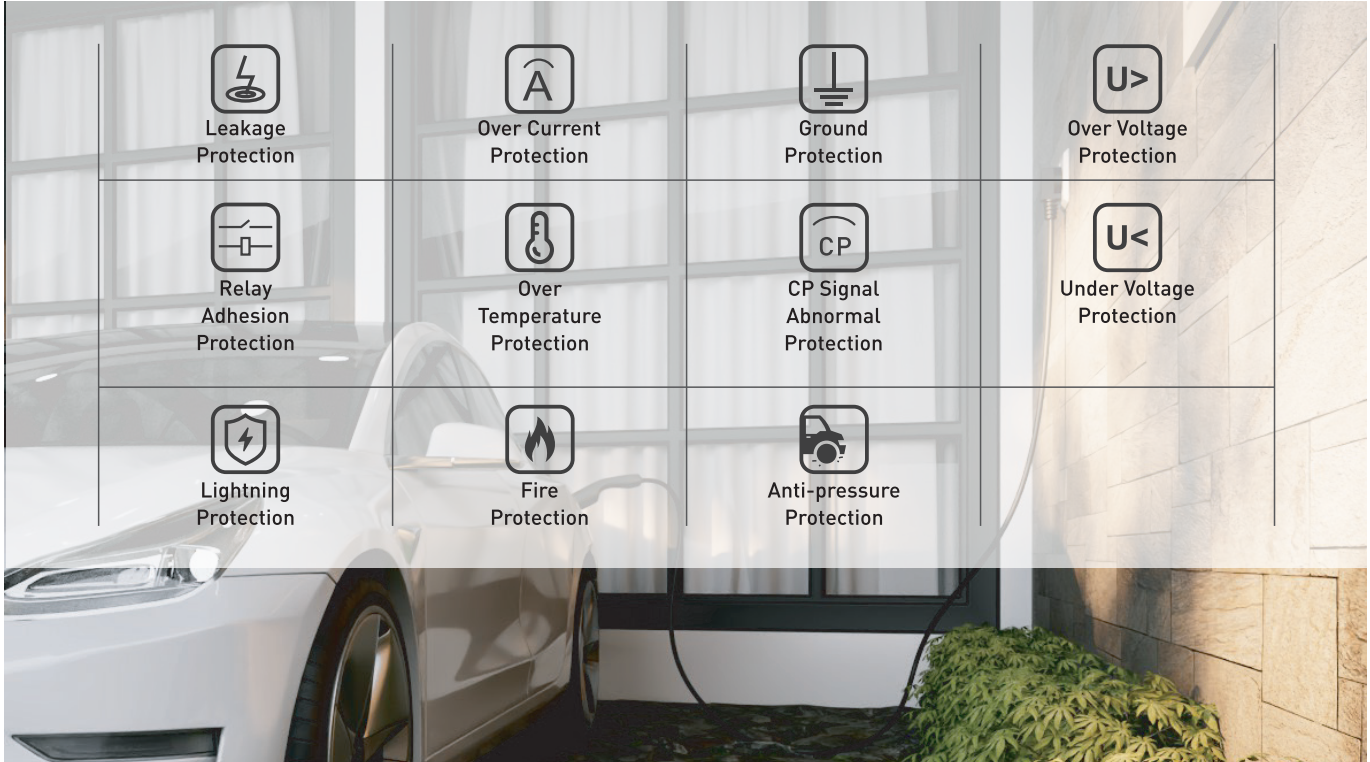


x1

NO.	Item	Quantity
1	Portable AC EV Charger	1
2	Portable EV Charger Bag	1
3	User Manual	1

Note: This bag is available in two types. One is the optional Portable EV Charger Bag shown in the figure above, and the other is the default velvet storage bag.

## 2.5. Product list



With full protection to avoid all kinds of charging safety hazards, it will automatic power off after the vehicle is fully charged, to protect the car battery and prolong the working life.

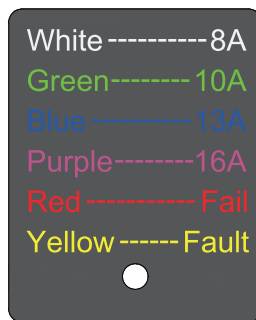
## 2.6. Product Features

- Ultimate integration, compact and portable
- Supports connection to standard household power sockets
- Buttons + LED indicators
- Adjustable charging current
- Plug-and-play
- Adopts physical key design for more flexible and convenient operation
- Equipped with lightning protection device to ensure personal safety
- Protection class IP54, suitable for both indoor and outdoor use
- Complies with standards: IEC 62752, IEC 61851-21-2

## 3. Operating Status

### 3.1. Current Adjustment






Press the current adjustment button to switch between different current levels.








The diagram above shows the nameplate for indicator light status on the charger. There may be slight variations across different countries. For specific current parameters, refer to the nameplate on the charger or the table below.

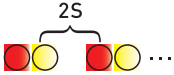
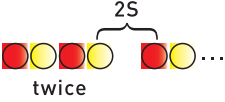
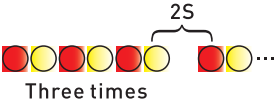

	White Light	Green Light	Blue Light	Purple Light
EU Standard, Australia Standard (16A), South Africa, Brazil	8A	10A	13A	16A
US Standard	8A	10A	13A	15A
UK Standard	6A	8A	10A	13A
Australia Standard (10A)	6A	8A	10A	\

### 3.2. LED Status Description

Normal Status (Taking the current gear light being green as an example)				
LED Lights Status	LED Lights Status	EV Charger Status	Potential Cause	Action
	LED Off	No Power	Power is not on	Check Power
	Current gear light stays on	Standby		
	Current gear light blinks cyclically (0.25s on, 0.25s off)	Vehicle connected, ready for charging		
	Current gear light breathes (with brightness gradient)	Charging normally		
	Current gear light stays on	Charging completed		

Fault Status				
LED Lights Status	LED Lights Status	EV Charger Status	Potential Cause	Action
	Yellow light stays on	Emergency Stop Protection	Accidentally touch the emergency stop	Pull out the charging connector and re-plug it
	Red light (0.5s) and yellow light (0.5s) blinking alternately	CP Signal Abnormal Protection	Charging connector loose	Tighten charging connector
	Red light blinking in a cycle (0.25s on / 0.25s off)	Over Current protection	Short Circuit	Waiting for professional repair
	Red light flashing rapidly	Over Temperature Protection	The ambient temperature is too high to cause an alarm	Wait for the temperature recover and automatically recharge
	Red Light Stays On	Poor grounding	Ground wire not connected	Check if socket is grounded, if without grounding wire, you can turn on emergency charging

**Fault Status**

LED Lights Status	LED Lights Status	EV Charger Status	Potential Cause	Action
	Red light cycles (0.25s on, 0.25s off, followed by a 2s pause)	Over Voltage Protection	Short circuit of home lines or unstable of grid power	Check the home lines... Wait for grid power to recover
	Red light cycles (two consecutive 0.25s on/0.25s off pulses, followed by a 2s pause)	Under Voltage Protection	Insufficient grid voltage	Wait for gridpower to recover
	Red light cycles (three consecutive 0.25s on/0.25s off pulses, f ollowed by a 2s pause)	Leakage Protection	There is residual current	Check if there is a leakage of end of the vehicle
	Yellow Light Flashing Rapidly	Relay Abnormal	Relay Adhesion	Emergency stop charging, restart charger to check if it is normal; If not, please contact the dealer
		Relay Abnormal	Relay No Action	

#### 4. How to emergency stop charging

Under normal conditions, long-pressing the button for 2 seconds triggers the emergency stop; long-pressing it again for 2 seconds exits the emergency stop state.

#### 5. How to set temporarily charging when the socket without ground wire

When the AC Charger is connected to a socket without a ground wire, a ground fault will occur. In this case, long-press the button for 5 seconds, then insert the charging gun into the vehicle. Charging can start once the vehicle is ready.

#### 6. Warranty Description

- Two-year free warranty is provided for any damage or malfunction caused by quality problems from the date of production of the charger.
- Any damages caused by failure of operations, irresistible natural reasons, wrongs installation or use against with the instructions, is not covered by the warranty.
- Non-professionals are not allowed to repair the chargers, Any problems during installation or use, please contact the dealer first.