

# Portable EV Charger

## User's Manual



## Welcome

Thank you for choosing our portable EV charger.

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AI: أخرى بلغات المستند لفتح أدناه المربع الرمز مسح يرجى

RU: Пожалуйста, сканируйте QR-код ниже, чтобы получить доступ к документу на других языках.



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To ensure safety and compliance with regulations, please follow all relevant state, regional, and local safety regulations when installing and using this product. Only the manufacturer should conduct repairs to components to maintain adherence to documented system data and for safety reasons.

All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

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## Safety Information

Before using or maintaining this product, it is important to read the following safety instructions. Failure to follow and implement all specified instructions and procedures will render the warranty void.

### DANGER

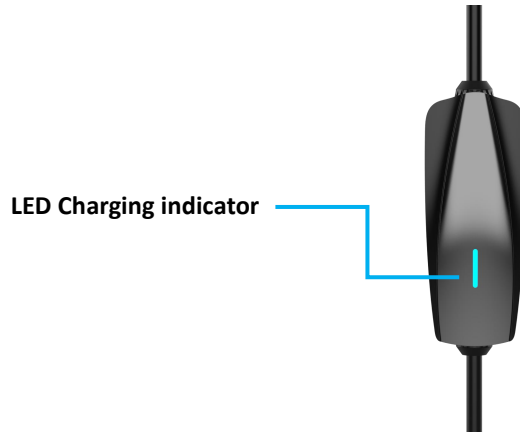
- Do not open the charger.
- Do not use the charger if it is damaged.
- Do not use an extension lead on the charging cable.
- Do not touch or insert foreign objects into the plugs.
- Do not install the charger near flammable, explosive, or combustible materials.

### WARNING

- All work on the equipment must only be carried out by qualified personnel who have read and fully understood all safety information and installation requirements contained in this manual.
- The charger must be out of reach from children.
- EV charger must be connected to a protective earth conductor.
- The electrical installation must comply with all local applicable safety requirements, standards and guidelines.
- No modifications must be made to the EV charger.
- Components should not be changed or replaced by the end-user or unqualified personnel.

## 1. Product Overview

Portable EV charger developed by Zeeda creates stable and reliable charging experience for electric vehicles owners.



### 1.1 Main features of products

- **LED Charging indicator:** Blue – Standby;

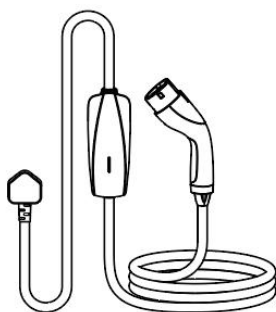


- **LED Charging indicator:** Green (flashing) – charging in progress;

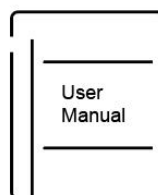


- **LED Charging indicator:** Red – Error.

## 2. List of Accessories



1\* Portable EV Charger



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## 3. Main Technical Parameters

Product name	Single-phase charger
Case Material	Anodised aluminium+plastic parts
Product size	W210*D81.5*H55mm
Mounting	Installation-free
Input voltage	230V/110V AC
Input frequency	50/60Hz
Rated power	7.0kW(max)
Output voltage	230V/110V AC
Output current	32A (max)
Standby power consumption	<5W
Working temperature	- 2 5 °C ~ + 5 0 °C
Storage temperature	- 2 5 °C ~ + 5 0 °C
Working altitude	<2000m
Ingress Protection	IP65
Cooling mode	Natural cooling
Safety standard	IEC 62196-2,IEC 61851-1,IEC 61851
Over voltage protection, Undervoltage protection, Overcurrent protection,Leakage protection, Ground fault protection, Temperature alarm protection.	

Insulation resistance: the insulation resistance between input loop and ground, output loop and input to output of charging station is  $\geq 10\text{M}\Omega$  .

## 4. Using Instructions



Only qualified personnel who have read and fully understood all safety and installation requirements outlined in this manual should perform work on the equipment.

### 4.1 Using environment requirements

4.1.1 This model ZDZBAU207E-CS AC Portable EV charger are suitable for outdoor application with its IP65 structure.

4.1.2 Please ensure that the ambient temperature is in the range of -25 °C to +50 °C.



Do not mount the EV charger in areas containing highly flammable materials or gases. Do not mount the EV charger in potentially explosive atmospheres.

## 5.Charger Operating Guide

### 5.1 Charge control(Plug in and charge)

① When AC power is supplied and the connector is not inserted, the LED indicator displays a steady blue light, indicating standby mode.

② Inserting the gun,the LED will be to green breathing light.

When the AC power is input and the gun is not inserted, the LED indicator shows a steady blue light, indicating standby mode.

#### **Attention:**

**Don't unplug the EV Charger before the charging is completed, there's risk of electric shock.**

## 6. Fault Indication

6.1 Before charging and starting: Detection: ground fault, relay adhesion, Overcurrent, Overvoltage, Undervoltage, and Overtemperature detection. If the value exceeds the set value, an error will be reported.

6.2 After the charging starts, an error is reported on the portable pile, and the LED indicator of the charging pile is steady red.

Error code	Fault description	What to do
Red light flashes once	Leakage	Contact the Customer Service
Red light flashes 2 times	CP Error	Contact the Customer Service
Red light flashes 3 times	Overvoltage	Contact local Power Utility Company
Red light flashes 4 times	Undervoltage	Contact local Power Utility Company
Red light flashes 5 times	Overcurrent	Contact the Customer Service
Red light flashes 6 times	Ground Fault	Please check the grounding system
Red light flashes 9 times	Over-temperature	Check the ambient temperature
Red light flashes 12 times	Leakage Self-test Fault	Contact the Customer Service
Red light flashes 13 times	Relay Adhesion	Contact the Customer Service

## 7.Customer Support

7.1 Contact the authorized local service provider first.

7.2 Visit **[www.zdenergy.com](http://www.zdenergy.com)** for manufacturer help, desk support, or email Customer Service at **[service@zdenergy.com](mailto:service@zdenergy.com)**



## 8. Recycling and Disposal

- 1) This device is used to charge electric vehicles and is subject to the EU directive 2012/19 / EU on waste electrical and electronic equipment (WEEE).
- 2) Dispose of packaging materials in the region's designated collection containers for cardboard, paper, and plastics.
- 3) Old devices and battery must not be disposed of with household waste or bulky waste. Before the device being disposed of should it be rendered inoperable.
- 4) Dispose of the packaging material in the region's usual collection container for cardboard, paper, and plastics.

