**EQBVZZRD EQBVZZRD**

# EQBVZZRD 11KW 3-Phase Portable EV Charger User Manual

Model: EQBVZZRD (11KW No Adapter)

## 1. Introduction

This manual provides essential information for the safe and efficient operation of your EQBVZZRD 11KW 3-Phase Portable EV Charger. This device is designed to provide a reliable and fast charging solution for your electric vehicle, suitable for various environments. Please read this manual thoroughly before using the product to ensure proper function and safety.

## 2. Product Features

- **Powerful and Portable:** A robust and portable electric vehicle charging station suitable for normal and cold weather conditions.
- **Advanced Safety Protections:** Equipped with comprehensive safety measures including overcurrent, overvoltage, undervoltage, leakage (TypeB AC30mA + DC6mA), overheating, short circuit, missing diode, ground fault, and lightning protection.
- **High Durability:** Constructed with PC+ASA materials for enhanced quality and durability, featuring an IP66 waterproof rating for the control box and charging gun, and IP44 for the power plug.
- **Real-Time Data Display:** A large LCD screen provides real-time charging status, including voltage, current, temperature, charging time, and power consumption, aiding in monitoring and error detection.
- **User-Configurable Functions:** Allows setting charging time, delay time, and adjusting current (8-10-13-16A) before charging.
- **High Compatibility:** Adopts the standard IEC 62196-2 charging protocol, ensuring compatibility with all electric vehicles and plug-in hybrid vehicles.
- **Wide Voltage Adaptability:** Automatically adjusts to charging voltages ranging from 110V to 450V, ensuring efficiency and safety.
- **Fast Charging:** Delivers a maximum charging power of 11KW, providing rapid charging.
- **Easy to Use:** Simple installation and operation, easily transportable for charging at home or outdoors.

## 3. Safety Information

Your safety is paramount. This charger incorporates multiple protection mechanisms to ensure safe operation. Always adhere to the following safety guidelines:

- Do not use the charger if the cable or plug is damaged.
- Ensure the charging environment is dry and well-ventilated.
- Keep the charger away from flammable materials.
- Do not attempt to disassemble or repair the charger yourself. Contact qualified personnel for service.
- Ensure proper grounding of the power source.
- The charger is designed with an IP66 waterproof rating for the control box and charging gun, and IP44 for the power plug, making it resistant to water splashes and dust. However, avoid submerging the unit.




*Image: Visual representation of multiple protection features including overcurrent, short circuit, overvoltage, undervoltage, temperature control, flame retardant, lightning, and leakage protection.*




*Image: The portable EV charger highlighting its IP66 waterproof rating for the control box and charging gun, and IP44 for the power plug, along with TUV Rheinland cable certification.*

## 4. Product Overview and Components

The EQBVZZRD portable EV charger consists of a control box, a charging cable, a charging gun (GBT standard), and a power plug. Familiarize yourself with these components before operation.




Ready
16A
220.8V 0.0A
220.8V 0.0A
220.8V 0.0A
0.00Kw 0.00Kwh
CP12V 10:00:00



*Image: The complete EQBVZZRD 11KW 3-Phase Portable EV Charger unit, showing the control box with LCD display, the coiled charging cable, the GBT charging gun, and the red power plug.*

- **Control Box:** Houses the intelligent control system and LCD display.
- **Charging Cable:** Durable cable connecting the control box to the charging gun.
- **Charging Gun (GBT):** The connector that plugs into your electric vehicle's charging port.
- **Power Plug:** Connects the charger to the power outlet.

## 5. Setup

1. **Choose a Location:** Select a dry, well-ventilated area for charging, away from direct sunlight or extreme temperatures.
2. **Connect to Power:** Insert the power plug securely into a compatible 3-phase power outlet. Ensure the outlet meets the charger's power requirements.
3. **Initial Check:** Once connected, the control box LCD screen will power on and display initial status.
4. **Prepare Vehicle:** Ensure your electric vehicle is ready for charging and its charging port is accessible.




*Image: The portable EV charger mounted on a wall, demonstrating a typical setup for home or station use, with the charging cable neatly coiled and the GBT charging gun ready for connection.*

## 6. Operating Instructions

The charger offers three main functions that can be set before initiating the charging process:

- **Adjust Current:** You can select the charging current from 8A, 10A, 13A, or 16A to match your power supply or desired charging speed.
- **Set Delay Time:** Program a delay before charging begins, ranging from 1 to 15 hours. This is useful for off-peak electricity rates.
- **Set Charging Time:** Define the duration for which the charger will operate, also from 1 to 15 hours.




*Image: Close-up of the EV charger's control box display, illustrating the options to Adjust Current (8-10-13-16A), Set Delay Time (1-15h), and Set Charging Time (1-15h). It also lists types of protection.*

### Charging Process:

1. **Power On:** Connect the charger to the power outlet. The LCD will light up.
2. **Set Parameters (Optional):** Use the buttons on the control box to adjust current, set delay time, or set charging time as desired. Refer to the display section for navigation.
3. **Connect to Vehicle:** Insert the GBT charging gun firmly into your vehicle's charging port.
4. **Start Charging:** The charger will automatically begin charging after any set delay time. The display will show real-time charging data.
5. **Stop Charging:** To stop charging, disconnect the charging gun from the vehicle first, then unplug the charger from the power outlet.

## 7. Real-Time Data Display

The large LCD screen on the control box provides comprehensive real-time information about the charging process.

This allows you to monitor the status and identify any potential issues immediately.




*Image: Detailed view of the EV charger's LCD display, showing various parameters like Real-time Temperature, Set Delay Time, Set Charging Time, Charging Voltage, Charging Current, Real-time Power, and Power Consumption for both 1-Phase 7KW and 3-Phase 11KW/22KW configurations.*

Key information displayed includes:

- **Charging State:** Indicates if the charger is ready, charging, or has an error.
- **Real-time Temperature:** Displays the internal temperature of the charger.
- **Set Delay Time (D):** Shows the configured delay before charging starts.
- **Set Charging Time (T):** Shows the configured duration for charging.
- **Charging Voltage:** Current voltage being supplied to the vehicle.
- **Charging Current:** Current amperage being drawn by the vehicle.

- **Real-time Power:** Instantaneous power consumption in KW.
- **Power Consumption:** Total energy consumed during the charging session in KWh.

## 8. Maintenance

Proper maintenance ensures the longevity and optimal performance of your EV charger.

- **Cleaning:** Regularly wipe the control box and cables with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Cable Inspection:** Periodically inspect the charging cable and plugs for any signs of wear, cuts, or damage. If damage is found, discontinue use immediately and contact support.
- **Storage:** When not in use, store the charger in a dry, cool place, away from direct sunlight and extreme temperatures. Coil the cable neatly to prevent kinks or damage.

## 9. Troubleshooting

If you encounter issues with your charger, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Charger not powering on. | No power from outlet; damaged cable/plug. | Check power outlet; inspect cable for damage. |
| Charging not starting. | Charging gun not fully inserted; vehicle not ready; delay timer set; error code on display. | Ensure secure connection; check vehicle status; verify delay timer settings; refer to display for error codes and consult manual. |
| Charging stops unexpectedly. | Overheating; power fluctuation; vehicle full; safety protection activated. | Check charger temperature; ensure stable power supply; verify vehicle charging status; check display for protection activation messages. |
| Display shows error code. | Internal fault; external condition (e.g., overvoltage). | Note the error code and refer to the specific error code section (if available in a more detailed manual) or contact customer support. |

If the problem persists after attempting these solutions, please contact EQBVZZRD customer support.

## 10. Specifications

| Specification | Value |
|---|---|
| Brand | EQBVZZRD |
| Model | EQBVZZRD (11KW No Adapter) |
| Charging Power | Max 11KW |
| Input Voltage Range | 110V-450V |
| Adjustable Current | 8A, 10A, 13A, 16A |

| Specification | Value |
|---|---|
| Charging Protocol | IEC 62196-2 (GBT) |
| Waterproof Rating (Control Box/Gun) | IP66 |
| Waterproof Rating (Power Plug) | IP44 |
| Material | PC+ASA |
| Item Weight | 2.2 pounds (approx. 1 kg) |
| Cable Length | 5M (as per product title) |

## 11. Warranty and Support

For warranty information, technical support, or service inquiries, please contact EQBVZZRD customer service through the retailer where you purchased the product or visit the official EQBVZZRD website. Please have your product model number and purchase date available when contacting support.

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