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> bokman Portable Electric Vehicle Charger User Manual - 3.68 KW, 16A, 5m, Type 2 (Model BKM23605T)

## bokman BKM23605T

# bokman Portable Electric Vehicle Charger User Manual

Model: BKM23605T | Brand: bokman

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your bokman Portable Electric Vehicle Charger. Please read this manual thoroughly before using the product and retain it for future reference.

The bokman Portable EV Charger is designed to provide a convenient and adjustable charging solution for electric vehicles equipped with a Type 2 charging port. It features adjustable current settings (6A to 16A) and multiple safety protections, ensuring reliable charging for compatible BEVs and PHEVs.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- bokman Portable EV Charger (Control Box, Charging Cable with Type 2 Connector, Schuko Plug)
- Wall Mount Bracket for Control Box
- Storage Base for Charging Connector
- Carrying Bag
- User Manual (this document)
- Cleaning Cloth

# Liste des packages



Figure 2.1: Included components of the bokman Portable EV Charger. This image displays the main charging unit, the wall mount for the control box, the storage base for the Type 2 connector, a carrying bag, the user manual, and a cleaning cloth, illustrating everything included in the product package.

## 3. SAFETY INSTRUCTIONS

**WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.**

- Always connect the charger to a properly grounded electrical outlet.
- Do not use the charger if the cable or plug is damaged.
- Do not attempt to open, disassemble, or modify the charger.
- Keep the charger away from water, moisture, and extreme temperatures.
- Ensure the charging cable is not pinched, stepped on, or subjected to damage.
- Children should be supervised to ensure they do not play with the charger.
- Disconnect the charger from the power source before cleaning or maintenance.
- Do not use extension cords or adapters with this charger.
- Ensure the electrical installation can support the charger's power requirements (up to 16A).

## 4. PRODUCT OVERVIEW

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### 4.1. Components

- **Control Box:** Houses the intelligent charging circuitry and LCD display.
- **Type 2 Charging Connector:** Connects to your electric vehicle's charging port.
- **Schuko Plug:** Connects to a standard household electrical outlet (16A).
- **LCD Display:** Provides real-time charging information.

### 4.2. LCD Display and Button Functions

# Instructions d'utilisation



## Description- LCD

1. Courant choisi
2. Statistiques de recharge
3. Temps de charge
4. Température
5. Puissance actuelle
6. Tension de charge
7. Courant de charge

## 2 in 1 - LED + Bouton



9. Cliquez sur le bouton pour définir le courant



Figure 4.1: LCD Display and Control Button. This image illustrates the various indicators on the charger's LCD screen, including chosen current, charge statistics, charge time, temperature, current power, voltage, and charging current. It also details the function of the control button for adjusting the charging current (6A, 8A, 10A, 13A, 16A) and the meaning of the LED indicators for charging status (ready, charging, finished).

1. **Chosen Current:** Displays the selected charging current.
2. **Charge Statistics:** Shows accumulated energy (kWh).
3. **Charge Time:** Indicates the duration of the current charging session.
4. **Temperature:** Displays the internal temperature of the control box.

5. **Current Power:** Shows the real-time charging power (kW).
6. **Voltage:** Displays the current voltage (V).
7. **Charging Current:** Shows the actual charging current (A).
8. **Control Button:** Press to adjust the charging current (6A, 8A, 10A, 13A, 16A).
9. **LED Indicators:**
  - **Green (Solid):** Ready to charge.
  - **Blue (Flashing):** Charging in progress.
  - **Blue (Solid):** Charging finished.
  - **Red (Flashing):** Error.

## 5. SETUP AND INSTALLATION

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### 5.1. Wall Mount Installation (Optional)

The charger comes with a wall mount bracket for convenient storage and organization. It is recommended to use the provided support to prevent accidental movement or strain on the electrical outlet.

1. Choose a suitable location near your parking spot and a grounded electrical outlet. Ensure the surface is sturdy.
2. Use appropriate screws and anchors (not included) to securely fasten the wall mount bracket for the control box.
3. Install the storage base for the Type 2 connector to keep it clean and protected when not in use.

### 5.2. Connecting the Charger

1. Ensure your vehicle is parked and turned off.
2. Plug the Schuko plug of the charger into a standard, properly grounded 16A electrical outlet. The LCD display will illuminate.
3. The charger is now in standby mode, indicated by a solid green LED.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Adjusting Charging Current

Before connecting to the vehicle, you can adjust the charging current:

1. With the charger plugged into the wall and in standby mode, press the control button (item 8 in Figure 4.1) repeatedly.
2. Each press will cycle through the available current settings: 6A, 8A, 10A, 13A, 16A.
3. Select the desired current based on your electrical installation capacity and charging needs. For example, use 10A during peak household electricity usage or 16A for faster charging overnight.

### 6.2. Starting the Charging Process

1. After selecting the current, open your vehicle's charging port cover.
2. Firmly insert the Type 2 charging connector into your vehicle's charging port.
3. The charger will initiate communication with the vehicle. Once connected, the LED indicator will turn blue and flash, indicating that charging is in progress. The LCD display will show real-time charging data.

### 6.3. Stopping the Charging Process

1. To stop charging, first unlock the charging port from your vehicle (if applicable, refer to your vehicle's manual).

2. Carefully remove the Type 2 charging connector from your vehicle.
3. The charger will return to standby mode (solid green LED).
4. Unplug the Schuko plug from the electrical outlet.
5. Store the cable and connector properly using the provided storage base and carrying bag.

## 7. MAINTENANCE AND CARE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe the control box and cables. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the charger in the provided carrying bag in a dry, cool place, away from direct sunlight and extreme temperatures. Use the storage base for the Type 2 connector to protect it from dust and damage.
- **Inspection:** Regularly inspect the charging cable, plug, and connector for any signs of damage, wear, or corrosion. If any damage is found, discontinue use immediately and contact customer support.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on.	No power from outlet; faulty outlet; damaged plug/cable.	Check the electrical outlet with another device. Inspect the charger's plug and cable for damage. Try a different outlet.
Charging does not start.	Connector not fully inserted; vehicle not ready to charge; incorrect current setting; vehicle communication error.	Ensure the Type 2 connector is fully and securely inserted into the vehicle. Check vehicle's charging status. Try adjusting the current setting. Disconnect and reconnect.
Red LED indicator flashing.	Internal error; overcurrent/overvoltage; leakage; overheating; ground fault.	Immediately disconnect the charger from the power source and the vehicle. Wait a few minutes, then reconnect. If the error persists, contact customer support.
Slow charging speed.	Low current setting selected; vehicle's charging limit; power supply limitation.	Increase the current setting on the charger (up to 16A) if your electrical installation allows. Check your vehicle's charging settings.

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

## 9. TECHNICAL SPECIFICATIONS

<b>Brand</b>	bokman
<b>Model</b>	BKM23605T
<b>Input Voltage</b>	230 Volts AC
<b>Adjustable Current</b>	6A, 8A, 10A, 13A, 16A
<b>Maximum Power</b>	3.68 KW

<b>Connector Type (Vehicle)</b>	Type 2
<b>Connector Type (Wall)</b>	Schuko Plug (16A)
<b>Cable Length</b>	5 meters
<b>Safety Protections</b>	Overcurrent, Overvoltage, Leakage, Overheating, Short-circuit, Grounding
<b>Certifications</b>	CE Certified
<b>Special Features</b>	LED Light, Portable, Highly Resistant, Waterproof
<b>Weight</b>	3.03 Kilograms
<b>Dimensions (Control Box)</b>	Approx. 36.6 x 33.79 x 10.3 cm (Package dimensions)
<b>Compatible Vehicles</b>	Type 2 electric and plug-in hybrid vehicles (e.g., Model 3, Model Y, e-208, 500e, Zoe, Spring, XC60, GLC, i3, iX3)

## 10. WARRANTY AND SUPPORT

bokman products are manufactured to high-quality standards. For warranty information, please refer to the specific warranty terms provided with your purchase or visit the official bokman website.

For technical support, troubleshooting assistance, or inquiries regarding your bokman Portable EV Charger, please contact your retailer or bokman customer service through their official channels. Please have your model number (BKM23605T) and purchase details ready when contacting support.

**Online Support:** [Visit the bokman Store on Amazon](#)