

Hexinex mit App Kontrolle

Hexinex Type 2 EV Charging Cable 11 kW 5 Meter with App Control Instruction Manual

Model: mit App Kontrolle

1. INTRODUCTION

Thank you for choosing the Hexinex Type 2 EV Charging Cable. This portable charging solution is designed to provide efficient and safe charging for your electric vehicle. Equipped with a standard Type 2 connector and a CEE plug, it is compatible with most electric vehicles in Europe. This manual provides essential information for the safe and effective use of your charging cable.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the charging cable. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the charging cable and connectors are free from damage before each use. Do not use if any part is damaged.
- Connect the CEE plug to a properly grounded and rated power outlet.
- Do not attempt to open, disassemble, or modify the charging control box or cable.
- Keep the charging cable away from water, flammable materials, and extreme temperatures during operation. The unit is IP65 rated for dust and water resistance, but avoid submerging it.
- Do not use extension cords or adapters with the charging cable.
- Always disconnect the charging cable from the vehicle and power source when not in use.
- Children should be supervised to ensure they do not play with the charging cable.
- The charging cable features multiple safety protections including overvoltage, overcurrent, short-circuit protection, and integrated temperature sensors to prevent overheating.

Sicherheitsschutz

Die Ladekabel für Elektrofahrzeuge bietet zahlreiche Sicherheitsfunktionen, die den Ladevorgang sicherer und zuverlässiger machen.



Figure 1: Safety Protections. This image illustrates the comprehensive safety features integrated into the Hexinex EV charging cable, including creepage protection, Bluetooth control, overvoltage protection, overcurrent protection, short-circuit protection, surge protection, ground fault protection, overload protection, and over-temperature protection. These features ensure a secure and reliable charging process.

3. PRODUCT OVERVIEW

3.1 Components

The Hexinex Type 2 EV Charging Cable consists of the following main components:

- **Type 2 Connector:** Connects to your electric vehicle's charging port.
- **Control Box:** Houses the intelligent charging electronics, LED display, and control buttons.
- **CEE Plug (16A, 3-phase):** Connects to the power supply.
- **Charging Cable:** Durable cable connecting the components.
- **Storage Bag:** For convenient transport and storage.



Figure 2: Product Components. This image displays the Hexinex Type 2 EV Charging Cable, including the Type 2 connector, the central control box with an LED display, the CEE 16A 3-phase plug, the coiled charging cable, and a black storage bag. An app interface screenshot is also visible, indicating remote control capabilities.

3.2 Key Features

- **Type 2 Connector:** Widely compatible with most European electric vehicles and charging stations.
- **Dual Control (App & Control Box):** Manage charging remotely via a dedicated app or directly using the physical control panel on the charger.
- **Adjustable Current & Timer:** Select charging current (6/8/10/13/16 A) and schedule charging times (1-10 hours) to optimize energy consumption and costs.
- **Advanced Safety Protections:** IP65 dust and water resistance, overvoltage, overcurrent, short-circuit, surge, ground fault, overload, and over-temperature protection.
- **Fast 3-Phase Charging:** Delivers up to 11 kW (16 A) charging power with a 3-phase (400 V) CEE plug, significantly faster than standard household outlets.
- **Digital LED Display:** Provides real-time information on charging status, current, voltage, power, and temperature.
- **Durable Construction:** Features a high-quality copper core and robust housing designed to withstand extreme temperatures (-25°C to +50°C operating, -60°C to +60°C storage).

LCD-Bildschirm

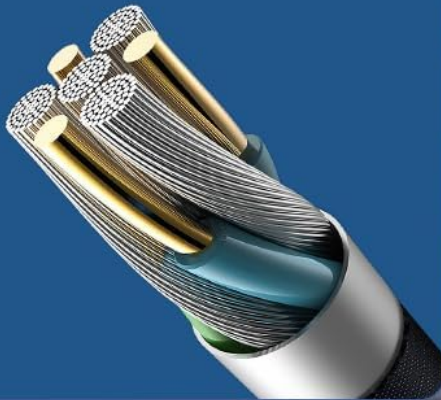


Figure 3: LCD Display Details. This image highlights the digital LED display on the control box, showing various charging parameters such as temperature, CP voltage, charging status, connection status, ground cable status, current setting, charging time, charge amount, and a scroll area for content.

Hochwertiger Kupferkern und robusten Gehäuse

Das Elektrofahrzeugladegerät ist mit einem hochwertigen Kupferkern und einem robusten Gehäuse ausgestattet, die zusammen eine effiziente und zuverlässige Ladeerfahrung gewährleisten.

Hochwertiger Kupferkern



Stabiles Laden



Sicherheitsschutz



Druckfestes Gehäuse



Figure 4: Quality Components. This image illustrates the internal quality of the Hexinex EV charger, featuring a high-quality copper core for efficient power transfer, a stable charging icon, a safety protection chip, and a pressure-resistant housing for durability.

4. SETUP

Follow these steps to set up your Hexinex EV Charging Cable:

1. **Unpack:** Carefully remove the charging cable and all accessories from the packaging.
2. **Inspect:** Check the cable, connectors, and control box for any visible damage. Do not proceed if damage is found.
3. **Power Source:** Ensure the CEE power outlet you intend to use is properly installed, grounded, and rated for 16A, 3-phase (400V).
4. **Placement:** Position the control box in a stable location, away from direct sunlight, rain, or excessive heat, ensuring the cable can reach both the power outlet and your vehicle without tension.
5. **Connect to Power:** Insert the CEE plug firmly into the designated 3-phase CEE power outlet. The control box display should illuminate.
6. **Connect to Vehicle:** Open your vehicle's charging port cover and firmly insert the Type 2 connector into the vehicle's charging inlet. Ensure it clicks into place.

The charging cable is now ready for operation.

5. OPERATING INSTRUCTIONS

5.1 Starting a Charge

Once the cable is connected to both the power source and the vehicle:

- The LED display on the control box will show the current status.
- The vehicle may perform a self-check before initiating charging.
- Charging will typically start automatically. Monitor the display for confirmation.

5.2 Adjusting Current and Setting a Timer

You can adjust the charging current and set a timer using either the control box or the mobile app.

Using the Control Box:

- Press the designated button(s) on the control box to cycle through available current settings (6A, 8A, 10A, 13A, 16A).
- Use other buttons to set a charging delay timer (1-10 hours) if desired. This allows you to start charging at off-peak hours.

Using the Mobile App:

- Download and install the Hexinex EV Charger app on your smartphone.
- Pair the app with your charging cable via Bluetooth (if applicable, as indicated by "Bluetooth-Steuerung" in safety features).
- From the app, you can remotely start/stop charging, schedule charging times, and monitor real-time progress.

Reservierbare Ladezeiten

Sie können eine Ladezeit entsprechend Ihrem Bedarf reservieren, sodass Sie außerhalb der Spitzenzeiten laden und so Stromkosten sparen können.

1-10 Stunden



Sie können den Ladevorgang so planen, dass er nach 1-10 Stunden beginnt

Adjustable Current



Sie können den Ladestrom je nach Bedarf auf 6/8/10/13/16A einstellen



Bedienung am
Gerätedisplay



Bedienung
über mobile App

Figure 5: Adjustable Current and Timer. This image illustrates the flexibility of the Hexinex charger, showing options for setting a charging timer from 1 to 10 hours and adjusting the current from 6A to 16A. It also depicts how scheduling charging during off-peak hours can save electricity costs, alongside controls via the device display and mobile app.

Jederzeit und überall per APP steuerbar



Echtzeit-Überwachung des Ladevorgangs



Fernsteuerung für Verzögerungs-/Zeitladen



Fernsteuerung für Ladebeginn/-ende



Figure 6: App Control. This image demonstrates the mobile app's capabilities, allowing users to control the charging process anytime and anywhere. Features include real-time monitoring of the charging process, remote control for delayed/timed charging, and remote control for starting/ending charging.

5.3 Ending a Charge

To end the charging process:

1. Stop charging via the mobile app or by pressing the stop button on the control box (if available).
2. Disconnect the Type 2 connector from your vehicle's charging port.
3. Disconnect the CEE plug from the power outlet.
4. Store the cable neatly in its provided bag.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charging cable.

- **Cleaning:** Wipe the cable and control box with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure connectors are clean and free of debris.

- **Storage:** Store the charging cable in a cool, dry place, preferably in its storage bag, away from direct sunlight and extreme temperatures. Avoid kinking or bending the cable sharply.
- **Inspection:** Regularly inspect the cable, connectors, and control box for any signs of wear, cuts, cracks, or discoloration. If any damage is observed, discontinue use immediately and contact customer support.
- The product is rated IP65, meaning it is protected against dust ingress and low-pressure water jets from any direction. However, it is not designed for immersion.

7. TROUBLESHOOTING

If you encounter issues with your Hexinex EV Charging Cable, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charging does not start.	◦ Cable not properly connected. ◦ Power outlet issue. ◦ Vehicle not ready to charge. ◦ Fault indicated on control box.	◦ Ensure both CEE plug and Type 2 connector are fully inserted. ◦ Check the power outlet with another device. ◦ Verify vehicle's charging settings. ◦ Refer to the control box display for error codes and consult the app or manual for specific meanings.
Charging stops unexpectedly.	◦ Overheating. ◦ Power fluctuation. ◦ Vehicle charging complete. ◦ Safety protection triggered.	◦ Allow the unit to cool down. Ensure adequate ventilation. ◦ Check power supply stability. ◦ Verify vehicle's battery status. ◦ Check control box display for error messages. Disconnect and reconnect after a few minutes.
App connection issues.	◦ Bluetooth not enabled. ◦ App not paired. ◦ Interference.	◦ Ensure Bluetooth is active on your smartphone. ◦ Follow app instructions to pair with the charger. ◦ Move closer to the charging control box.

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

8. SPECIFICATIONS

Feature	Detail
Brand	Hexinex
Model	mit App Kontrolle
Max Charging Power	11 kW
Max Current	16 A (Adjustable: 6/8/10/13/16 A)
Phases	3-phase

Feature	Detail
Voltage	400 V (AC)
Cable Length	5 meters
Vehicle Connector	Type 2
Power Plug	CEE 16A (Red)
Operating Temperature	-25°C to +50°C
Storage Temperature	-60°C to +60°C
Protection Rating	IP65
Certifications	CE, TÜV, GS
Item Weight	3.57 kg
UPC	735851904299
Manufacturer Part Number	HU-DE-DCDQ3165EA

Parameterinformationen

Information

Stecker Netzseite: CEE-Steckdose 16 A rot

Stecker Fahrzeugseite: Typ 2

MAX. Ladeleistung: 11 kW

MAX. Stromstärke: 16 A

MAX. Spannung: 440V

Anschluss Phasen: 3-phasig

Länge: 5 Meter

Übertragung: Wechselstrom (AC)



Figure 7: Technical Parameters. This image provides a summary of the charger's technical specifications, including the CEE 16A red plug, Type 2 vehicle connector, maximum charging power of 11 kW, maximum current of 16A, 440V voltage, 3-phase connection, 5-meter length, and AC transmission. It also highlights IP65 protection, 3x faster charging, up to 16 Amperes, and 440V.



Figure 8: Charging Capacity and Temperature Range. This image emphasizes the 16A, 11kW, 3-phase charging capability and details the operating temperature range of -25°C to $+50^{\circ}\text{C}$, and storage temperature range of -60°C to $+60^{\circ}\text{C}$, indicating the charger's robust design for various environmental conditions.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the documentation provided with your purchase or visit the official Hexinex website.

If you require technical assistance, have questions about product operation, or need to report a fault, please contact Hexinex customer support.

- **Online Support:** Visit the Hexinex official website for FAQs and support contact information.
- **Email Support:** Refer to your product packaging or purchase documentation for email contact.

