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ZENCAR ZEN-T2-P-16A-5m

ZENCAR EV Charger EVSE User Manual

MODEL: ZEN-T2-P-16A-5M

Portable Electric Vehicle Charging Solution

1. Introduction

Thank you for choosing the ZENCAR EV Charger EVSE. This portable charging solution is designed to provide efficient and safe charging for your electric vehicle. It features a Schuko plug for connection to a standard 230V outlet and a Type 2 connector for your vehicle, offering adjustable current settings from 6A to 16A. The integrated LCD display provides real-time charging information, and a timer function allows for scheduled charging.



Image: The ZENCAR EV Charger EVSE, showcasing its main components: the control box with LCD display, the Schuko plug for power input, and the Type 2 connector for vehicle charging. The cable length for this model is 5 meters.

2. Safety Information

Please read all safety instructions carefully before using the charger. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power outlet is properly grounded and rated for the charger's specifications (230V, up to 16A).
- Do not use the charger if the cable or connectors are damaged.
- Keep the charger away from flammable materials and extreme temperatures.
- Do not immerse the control box or connectors in water. While the cable is shockproof and waterproof (IP65 rated), the plug and control box should be protected from direct water exposure during charging.
- Always disconnect the charger from the power source before cleaning or maintenance.
- The charger features 12 protection mechanisms, including over-temperature protection. If high temperatures are detected, the current will be automatically reduced or temporarily cut off to prevent damage.



WIE FUNKTIONIERT'S?

EINFACHE ANWENDUNG IN 4 SCHNELLEN SCHRITTEN

- 1
 Netzkabel an Strom anschließen
- 2
 Doppelklick für Amper-Einstellung
- 3
 Stecker rein & Fahrzeug aufladen
- 4
 Karte durchziehen, für Timer-Start

Image: Visual representation of ZENCAR's safety features, including protection against overvoltage, lightning, and a smart core that automatically adjusts or stops charging based on conditions.

3. Setup

Follow these steps for initial setup of your ZENCAR EV Charger:

1. **Unpack the Charger:** Carefully remove all components from the packaging. Inspect the charger for any visible damage.
2. **Connect to Power:** Insert the Schuko plug firmly into a standard 230V AC grounded wall outlet. The LCD display on the control box should illuminate.
3. **Prepare Vehicle:** Ensure your electric vehicle is ready for charging. Open the charging port cover on your vehicle.
4. **Connect to Vehicle:** Insert the Type 2 connector into your vehicle's charging port. Ensure it clicks securely into place.

STETS SICHER UNTERWEGS


**ÜBER-
SPANNUNG**

sowie Unter-
spannung sind
geschützt


**BLITZ-
SCHUTZ**

und elektro-
statischer
Schutz integriert


**SMARTER
KERN**

Sensor stoppt
& reduziert
automatisch



Image: A visual guide illustrating the four simple steps for using the ZENCAR EV charger: 1. Connect power cable, 2. Double-click for ampere setting, 3. Plug in & charge vehicle, 4. Swipe card for timer start (if applicable).



POUR VOTRE PLAISIR DE CONDUIRE: **FICHE TYPE 2 COMPATIBLE**

RECHARGE POSSIBLE SUR TOUTES LES PRISES CEE



Image: A person connecting the ZENCAR EV charger's Type 2 connector to an electric vehicle's charging port, demonstrating the ease of connection. The image also shows the included cable storage bag.

4. Operating Instructions

The ZENCAR EV Charger offers an intuitive LCD display and adjustable settings for optimal charging.

4.1 LCD Display and Information

The informative LCD screen allows you to monitor the entire charging process in real-time. It displays:

- Charging Time
- Controller Temperature
- Charging Current (Amperage)
- Voltage
- Energy Charged (kWh)



CONTRÔLE DE CHARGE SUR ÉCRAN MULTIFONCTIONNEL

TOUT EN UNE INTERFACE POUR UNE UTILISATION FACILE



Image: A detailed view of the ZENCAR EV charger's control box, highlighting the high-end LCD screen and indicating the display of charging data, the timer function, and the selection of amperage levels (6A, 8A, 10A, 12A, 16A).

4.2 Adjusting Charging Current

You can flexibly adjust the charging current of the Type 2 charging cable according to your needs. Choose the current intensity between 6A, 8A, 10A, 12A, and 16A. This can be done automatically or manually via the control box.

ZENCAR SAC À CÂBLES

CADEAU INCLUS POUR
GARDER EN TOUTE SÉCURITÉ



MÉCANISMES DE PROTECTION POUR UNE CHARGE EN TOUTE SÉCURITÉ

LE CAPTEUR RÉDUIT OU ARRÊTE LA CHARGE AUTOMATIQUEMENT



Image: A woman sitting in an electric car, with an overlay indicating the ZENCAR charger's flexible current selection from 6A to 16A, emphasizing user control over the charging speed.

4.3 Timer Function

Plan your charging efficiently using the integrated timer function. Refer to the on-screen menu for setting specific charging start or end times.

4.4 Charging Process

Once connected to both the power outlet and the vehicle, the charger will initiate the charging process. The LCD display will show the current status. Charging will stop automatically when the vehicle battery is full or if a safety issue is detected.



3x

CHARGE PLUS
RAPIDE AVEC
PRISE CEE



RÉSISTANT AUX CHOCS ET À L'EAU
POUR APPLICATION EXTÉRIEURE
CHARGEZ PARTOUT ET QUAND VOUS EN AVEZ BESOIN



Image: An electric car being charged outdoors, demonstrating the ZENCAR charger's suitability for outdoor application due to its shockproof and waterproof design, allowing charging anywhere, anytime.

5. Maintenance

Proper maintenance ensures the longevity and safe operation of your ZENCAR EV Charger.

- **Cleaning:** Disconnect the charger from power 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 a dry, cool place, away from direct sunlight and extreme temperatures. Use the provided cable protection bag to keep the cable tidy and protected.
- **Inspection:** Regularly inspect the cable, plugs, and control box for any signs of wear, damage, or corrosion. If any damage is found, discontinue use and contact customer support.

6. Troubleshooting

If you encounter issues with your ZENCAR EV 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 outlet with another device; inspect cable/plug for damage.
Vehicle not charging	Connector not fully inserted; vehicle charging port issue; charger error	Ensure Type 2 connector is fully seated; check vehicle manual; restart charger by unplugging and re-plugging.
Charging stops unexpectedly	Over-temperature protection activated; power fluctuation; vehicle battery full	Allow charger to cool down; check power supply stability; verify vehicle battery status.
LCD display error	Internal fault	Unplug and re-plug the charger. If the error persists, contact customer support.

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

7. Specifications

Feature	Specification
Brand	ZENCAR
Model Number	ZEN-T2-P-16A-5m
Color	Black
Product Type	Portable
Input Voltage	230 Volts
Output Voltage	230 Volts
Current Rating	16 A (Adjustable: 6A, 8A, 10A, 12A, 16A)
Power	3.6 KW
Cable Length	5 meters
Connector Type	Type 2 (Vehicle side), Schuko (Wall side)
Compatible Devices	Electric vehicles with Type 2 connector
Special Features	Fast Charging, LCD Display, Timer Function, Shockproof, Waterproof
Item Weight	3 Kilograms
Product Dimensions	40.2P x 38.4W x 9H centimeters
Country of Origin	China

8. Warranty and Support

ZENCAR provides a **2-year limited warranty** for this product, assured by a European company. This warranty covers manufacturing defects and quality issues.

For technical assistance, warranty claims, or any other inquiries, please do not hesitate to contact our customer support team. We are committed to providing the best possible support.

Contact Information:

Please refer to your purchase documentation or the ZENCAR official website for the most up-to-date contact details.