

Tera P06-EU

Tera P06-EU 11kW Mobile EV Charger User Manual

Model: P06-EU

INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your Tera P06-EU 11kW Mobile EV Charger. Please read this manual thoroughly before using the product and keep it for future reference. This charger is designed to provide up to 11 kW of power via a CEE 16A 5-pin connection to Type 2 electric vehicles, offering a convenient charging solution for home, travel, or work.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product and your vehicle:

- Ensure the charging station is connected to a properly grounded CEE 16A 3-phase socket.
- Do not use the charger if the cable or plug is damaged.
- Keep children and pets away from the charging area.
- Avoid touching the charging plug with wet hands.
- Do not attempt to open or repair the charger yourself. Contact qualified personnel for service.
- The charger is rated IP66 for dust and water resistance, but avoid submerging it in water.
- Ensure proper ventilation around the charging unit during operation.



Image: The Tera P06-EU Mobile EV Charger being splashed with water, highlighting its IP66 dust and water resistance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Tera 11 kW Mobile EV Charger (P06-EU)
- Carrying Bag
- Microfiber Cloth
- Mounting Screws
- Multi-language User Manual
- Wall Mount Bracket
- Plug Holder

RELIABLE ALL-WEATHER CHARGING



Operating Temperature
❄️ -25°C to 50°C 🌡️

Image: The Tera P06-EU Mobile EV Charger, neatly packed in its carrying bag with accessories, emphasizing its portability.

PRODUCT OVERVIEW

The Tera P06-EU Mobile EV Charger features a robust design with a 2.8-inch digital display for easy control and monitoring. It includes a CEE 16A 3-phase plug for power input and a Type 2 connector for your electric vehicle.

SAFE & RELIABLE

IP66

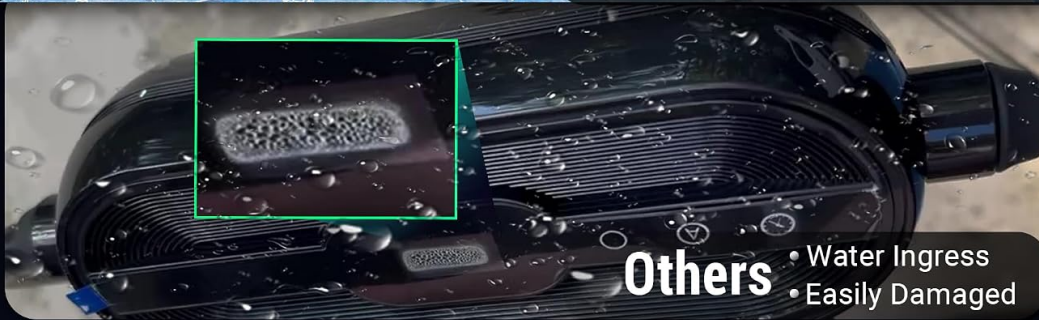


CE
CERTIFIED



P06

- Waterproof
- Works underwater



Others

- Water Ingress
- Easily Damaged

Image: The main control unit of the Tera P06-EU Mobile EV Charger, showing the 2.8-inch digital display with options for adjustable current and time.

SETUP

1. **Unpack the Charger:** Remove all components from the carrying bag.
2. **Mounting (Optional):** If desired, use the provided wall mount bracket and screws to secure the charging unit to a suitable wall. Ensure the mounting location is dry, protected, and allows for easy access to the power outlet and vehicle.
3. **Connect to Power:** Insert the CEE 16A 3-phase plug into a compatible and properly grounded CEE 16A wall socket.
4. **Initial Check:** The display on the charging unit should light up, indicating it is powered on and ready for operation.

Your browser does not support the video tag.

Video: This video demonstrates the connection of the CEE 16A plug and the basic setup of the EV charger.

OPERATING INSTRUCTIONS

1. Connecting to Your Vehicle

1. Ensure the charger is properly connected to the power supply.
2. Open the charging port cover on your electric vehicle.
3. Insert the Type 2 connector firmly into your vehicle's charging port. A click sound indicates a secure connection.
4. The charger will automatically detect the vehicle and initiate the charging process based on the default or previously set parameters.

2. Adjusting Charging Parameters (Using 2.8-inch Display)

The 2.8-inch digital display allows you to adjust charging current and set a delayed start time without an app or Wi-Fi.

- **Adjusting Current (6-16A):** Single-tap the control button on the display to cycle through available current settings (e.g., 6A, 8A, 10A, 13A, 16A). Select the desired amperage.
- **Setting Delayed Start Time:** Double-tap the control button to enter the timer setting mode. Use single taps to adjust the delay time in 30-minute increments (e.g., 00:30, 01:00, 01:30, etc.). The charger will begin charging after the set delay.

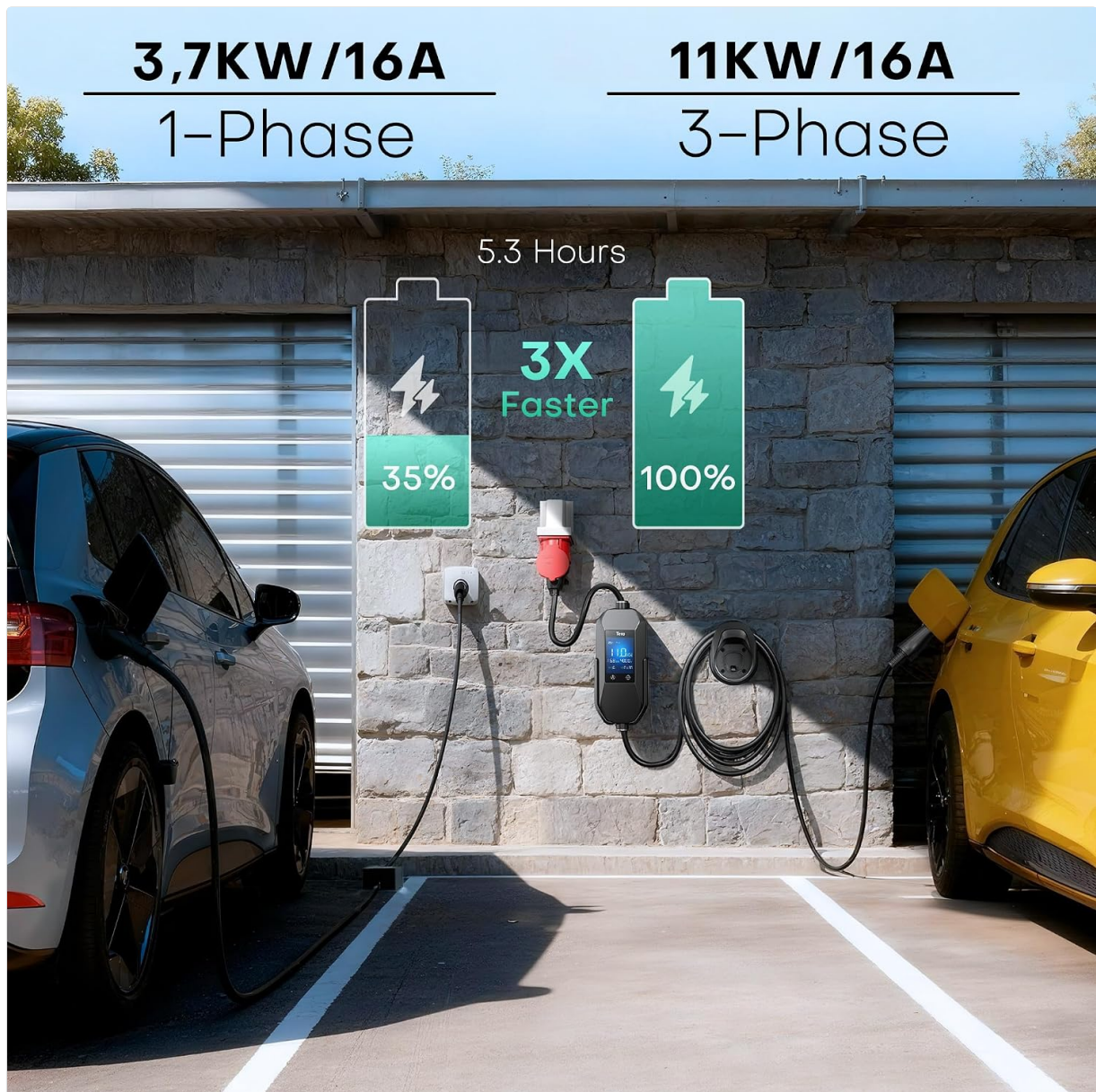


Image: The charger's display illustrating how to select the charging current from 6A to 16A.



Image: The charger's display showing options for setting a delayed start time for charging.

3. Monitoring Charging Status

The display provides real-time information on the charging process, including current, voltage, power, and charging duration.

4. Disconnecting the Charger

1. Ensure the charging process has stopped (either automatically or manually).
2. Disconnect the Type 2 connector from your vehicle's charging port.
3. Unplug the CEE 16A plug from the wall socket.
4. Store the charger and cable in the provided carrying bag.

Your browser does not support the video tag.

Video: This video illustrates the general operation and features of the portable EV charger.

MAINTENANCE

- **Cleaning:** Use the provided microfiber cloth to wipe the charging unit and cables. Do not use abrasive cleaners or solvents.

- **Storage:** When not in use, store the charger in its carrying bag in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Regularly inspect the charging cable and connectors for any signs of wear, cuts, or damage. Do not use if damaged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on	No power from the CEE socket; faulty connection.	Check the CEE socket and ensure the plug is fully inserted. Verify power supply.
Charging not starting	Vehicle not properly connected; delayed start timer active; vehicle fault.	Reconnect the Type 2 plug firmly. Check the display for active timer settings. Consult your vehicle's manual.
Charging stops unexpectedly	Overheat protection activated; power fluctuation; vehicle fault.	Allow the charger to cool down. Check the power supply. Consult your vehicle's manual.
Display shows error message	Internal fault; external issue.	Note the error code and refer to the full manual or contact customer support.

SPECIFICATIONS

Model Number	P06-EU
Brand	Tera
Charging Power	Up to 11 kW
Input Connector	CEE 16A (3-phase)
Output Connector	Type 2
Cable Length	7.5 m
Ingress Protection	IP66
Display	2.8-inch Digital Display
Input Voltage	400 Volt
Output Voltage	400 Volt
Current	Adjustable 6-16 Ampere
Operating Temperature	-25°C to 50°C
Certifications	CE

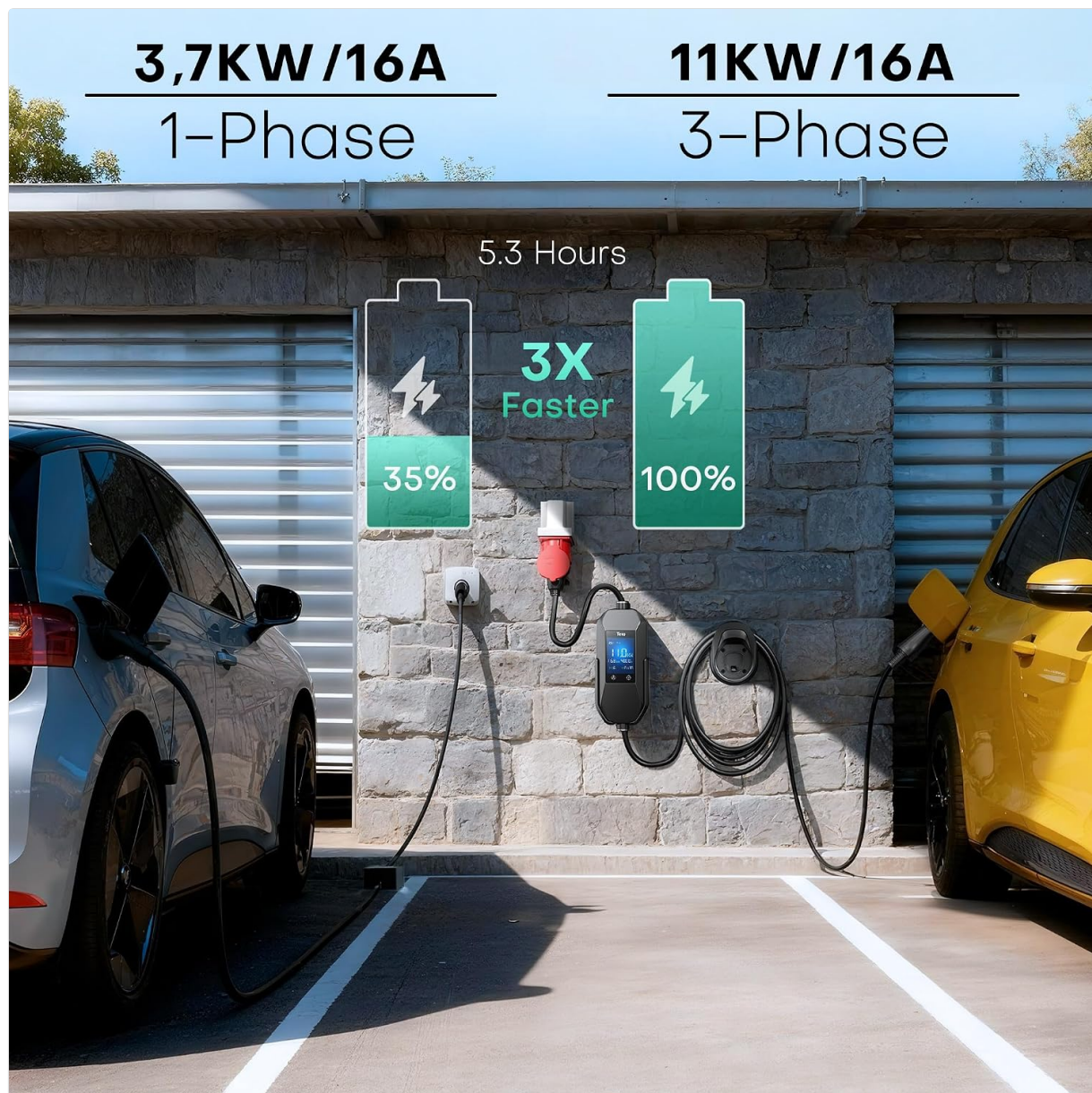


Image: Diagram illustrating the seven levels of protection integrated into the Tera P06-EU charger, including current-leakage, over-heat, over-current, over-voltage, under-voltage, PE loss, and diode loss protection.

7 LEVELS OF PROTECTION



**Current-leakage
Protection**



**Over-heat
Protection**



**Over-current
Protection**



**Over-voltage
Protection**



**Under-voltage
Protection**



**PE Loss
Protection**



**Diode Loss
Protection**



Image: The charger operating reliably in cold, snowy conditions, highlighting its wide operating temperature range for all-weather charging.



Image: A visual comparison demonstrating the faster charging speed of the 11kW 3-phase connection compared to a 1-phase connection.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in the separate warranty card or visit the official Tera website. Keep your purchase receipt as proof of purchase.