

Tera W01-AM-WH-11kW

Tera Smart EV Charger Type 2 Wallbox 11 kW - Instruction Manual

Model: W01-AM-WH-11kW

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Tera Smart EV Charger Type 2 Wallbox. Please read these instructions carefully before installation and use, and retain them for future reference.

Package Contents:

- 1 x Tera W01 11 KW 16 A CEE Plug EV Charger with 7m Type 2 Cable
- 1 x Mounting Template
- 1 x Set of Mounting Screws
- 1 x User Manual (English and German)



Image 1: The package includes the Tera EV charger, mounting plate, screw set, and user manuals.

2. SAFETY INSTRUCTIONS

Your Tera Wallbox is designed with multiple safety features. Adherence to these guidelines is crucial for safe operation and to prevent electrical hazards.

Integrated Safety Mechanisms:

- **Integrated DC6mA Residual Current Protection:** Detects and handles various leakage current situations (AC and DC).
- **External Type A Overcurrent Breaker:** Provides additional protection against overcurrents.
- **Overvoltage Protection:** Safeguards against excessive voltage.
- **Undervoltage Protection:** Protects against insufficient voltage.
- **Overload Protection:** Prevents damage from excessive current draw.
- **Short Circuit Protection:** Automatically disconnects power in case of a short circuit.
- **Overtemperature Protection:** Monitors and prevents overheating.
- **Ground Protection:** Ensures proper grounding for electrical safety.
- **Earth Leakage Protection:** Detects unintended current paths to earth.

The charging cable is made with over 99.5% copper for excellent conductivity and minimal heat generation. The charger is designed to meet safety requirements, ensuring high safety standards.

Environmental Protection:

The device features an **IP54 waterproof rating**, allowing safe outdoor use in various weather conditions. It is designed to withstand temperatures from -30°C to 50°C.



Image 2: Overview of the CE certified Type 2 and CEE 3-phase plug, highlighting various protection mechanisms including overvoltage, undervoltage, overload, short circuit, overtemperature, ground, and earth leakage protection.



Image 3: The Tera EV charger is rated IP54 for water and dust resistance, ensuring reliable operation in various outdoor weather conditions.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Tera
Model Name	W01-AM-WH-11kW
Output Voltage	400 Volts
Input Voltage	400 Volts
Rated Current	16 Amperes
Maximum Power	11 kW
Cable Length	7 meters
Connector Type	Type 2, CEE 3-phase plug
Certifications	CE (N8A 104780 0028), TÜV (64105223147901), IEC 62196-2
Waterproof Rating	IP54
Operating Temperature	-30°C to 50°C
Product Dimensions	20 x 15 x 20 cm
Product Weight	15 kg

4. INSTALLATION

The Tera EV Charger is designed for straightforward installation. It comes with a mounting template and a screw set to facilitate the process.

Installation Steps:

- Mounting:** Use the provided mounting template and screw set to securely attach the charger to a suitable wall or surface. Ensure the mounting location is stable and can support the weight of the charger and cable.
- Power Connection:** Connect the CEE 3-phase plug to a compatible power source. Ensure the electrical installation meets local regulations and safety standards. Professional installation by a qualified electrician is recommended.
- Cable Management:** Utilize the additional cable holder to store the 7-meter charging cable neatly, saving space and maintaining a tidy charging area.

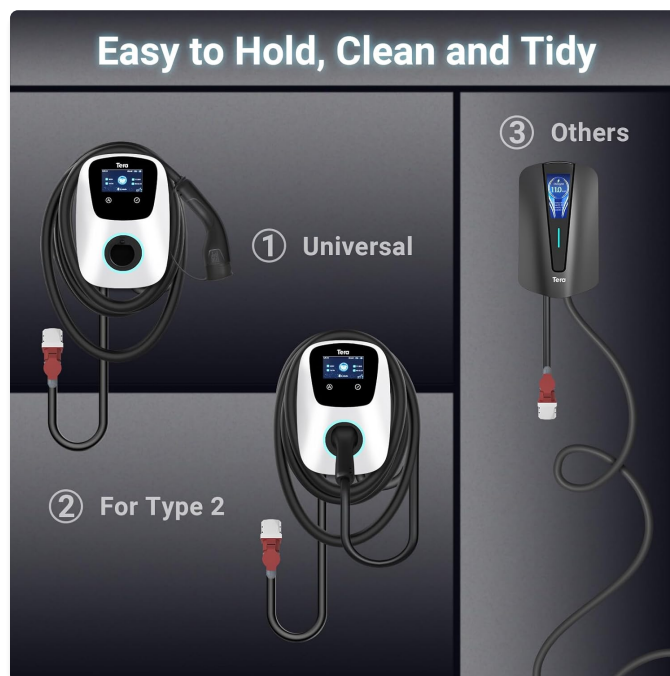


Image 4: The charger includes an additional cable holder for organized storage of the charging cable, promoting a clean and tidy installation.



Image 5: The Tera EV charger features a 7-meter ultra-long cable, allowing flexible charging in various locations. It is compatible with a wide range of electric vehicles.

5. OPERATION

The Tera EV Charger offers both manual and app-controlled charging options for convenience.

Starting a Charge:

1. Ensure the charger is properly installed and connected to the power supply.
2. Plug the Type 2 charging cable into your electric vehicle's charging port.
3. Charging will commence automatically or can be initiated via the app.

Charging Modes:

- **Manual Charging:** Directly set charging parameters on the EV charger's interface.
- **App-Scheduled Charging:** Use the dedicated mobile application (via Wi-Fi and Bluetooth) to schedule charging sessions, adjust charging power, and monitor progress. This provides flexibility to plan charging according to your needs.

The charging power can be adjusted to prevent overcharging and protect your vehicle's battery.

LED Indicators:

Integrated LED indicators provide clear visual feedback on the charging progress and any potential errors, ensuring you are always aware of the operational status.

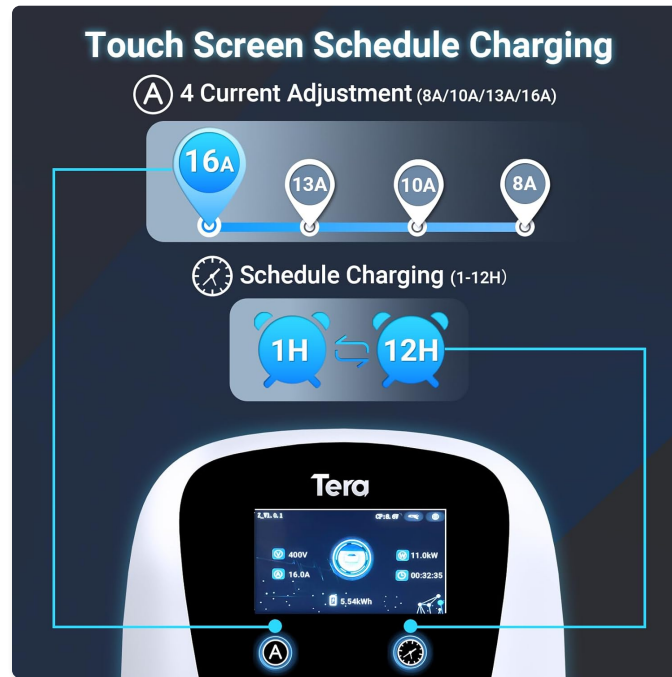


Image 6: The touch screen interface allows for current adjustment (8A/10A/13A/16A) and scheduling charging sessions from 1 to 12 hours.



Image 7: The Tera EV charger provides high-speed charging at 400V and up to 16A, capable of adding approximately 63 km of range per hour.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Tera EV Charger.

- **Cleaning:** Periodically wipe the charger's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Cable Inspection:** Regularly inspect the charging cable and connectors for any signs of wear, damage, or corrosion. If any damage is found, discontinue use and contact support.
- **Storage:** When not in use, ensure the charging cable is neatly coiled and stored using the provided cable holder to prevent kinks or damage.

7. TROUBLESHOOTING

If you encounter issues with your Tera EV Charger, consider the following basic troubleshooting steps:

- **No Power:** Check the main power supply and ensure the CEE 3-phase plug is securely connected. Verify that the circuit breaker is not tripped.
- **Charging Not Starting:** Ensure the Type 2 plug is fully inserted into your vehicle's charging port. Check the charger's LED indicators for any error codes.
- **App Connectivity Issues:** Ensure your Wi-Fi and Bluetooth are enabled on your mobile device and that the charger is within range. Restart the app and, if necessary, the charger.
- **Slow Charging:** Verify the current setting on the charger or in the app. Ensure your vehicle is capable of accepting the full 11 kW charge.

For persistent issues or complex problems, please refer to the support section.

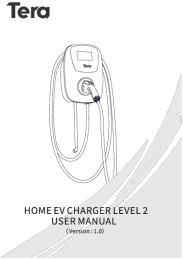
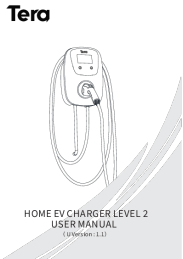



8. WARRANTY INFORMATION

Specific warranty details are typically provided with your purchase documentation. Please refer to the warranty card or contact your retailer for information regarding the warranty period and terms of service for your Tera EV Charger.

9. CUSTOMER SUPPORT

Should you require further assistance, have questions regarding installation, operation, or troubleshooting, please contact Tera customer support. Contact information can typically be found on the product packaging or the official Tera website.

Note: The product includes a user manual in German and English.

	<p>Tera Home EV Charger Level 2 User Manual: Installation and Operation Guide</p> <p>Comprehensive user manual for the Tera Home EV Charger Level 2. Covers installation, operation, safety, troubleshooting, and maintenance for electric vehicle charging.</p>
	<p>Tera Home EV Charger Level 2 User Manual</p> <p>This user manual provides comprehensive instructions for the Tera Home EV Charger Level 2, covering safety guidelines, product specifications, operational procedures, installation methods for both wallbox and floor-mounted configurations, troubleshooting common issues, and essential maintenance tips. It also details the use of the companion mobile application for enhanced charging control.</p>
	<p>Tera HW0007 Barcode-Scanner Benutzerhandbuch</p> <p>Detaillierte Anleitung zur Einrichtung und Bedienung des Tera HW0007 Barcode-Scanners, einschließlich Konfiguration von Scaneinstellungen, Tastaturlayouts und Stromsparmodus.</p>
	<p>Tera Barcode Scanner User Manual (Models 8100, HW0002, HW0008)</p> <p>This user manual provides comprehensive instructions and settings for Tera barcode scanners, including models 8100, HW0002, and HW0008. Learn about wireless settings, general configurations, scanning modes, data editing, and more.</p>
	<p>Tera Modell 5100 Barcode-Scanner Benutzerhandbuch</p> <p>Umfassendes Benutzerhandbuch für den Tera Modell 5100 Barcode-Scanner, das detaillierte Anleitungen zur Einrichtung, Konfiguration und Bedienung bietet.</p>

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