

MENNEKES 36245

Mennekes Charging Cable User Manual

Model: 36245

Brand: MENNEKES

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Mennekes Type 2 Charging Cable, Model 36245. This cable is designed for charging electric vehicles (EVs) and plug-in hybrid vehicles (PHEVs) equipped with a Type 2 connector. It ensures reliable power transfer from compatible charging stations or wall boxes.

The Mennekes charging cable is engineered for durability and performance, suitable for a wide range of environmental conditions. Please read this manual thoroughly before first use to ensure proper operation and longevity of the product.



Image: The Mennekes Type 2 Charging Cable, Model 36245, showing both the vehicle-side and infrastructure-side connectors, along with the protective cap.

SETUP

Before using the charging cable, ensure the charging environment meets the specified conditions and that both the vehicle and the charging station are compatible with Type 2 connectors.

1. **Environmental Conditions:** The cable is designed to operate safely within ambient temperatures ranging from -40°C to +50°C. Avoid using the cable outside this temperature range.
2. **Cable Inspection:** Before each use, visually inspect the cable and both connectors for any signs of damage, wear, or foreign objects. Do not use the cable if any damage is observed.
3. **Protective Cap:** Ensure the protective cap for the coupling is securely in place when the cable is not in use to prevent ingress of dirt or moisture.

OPERATING INSTRUCTIONS

Follow these steps to safely charge your electric vehicle using the Mennekes Type 2 Charging Cable.

1. **Prepare Vehicle:** Ensure your electric vehicle is turned off and in park. Open the charging port cover on your vehicle.
2. **Connect to Charging Station:** Take the infrastructure-side connector (the end designed for the charging station) and firmly insert it into the Type 2 socket of the public charging station or wall box. Ensure it clicks into place.
3. **Connect to Vehicle:** Take the vehicle-side connector and firmly insert it into the Type 2 charging port of your electric vehicle. Ensure it clicks into place.
4. **Initiate Charging:** Follow the instructions on the charging station or your vehicle's infotainment system to start the charging process. This may involve authentication (e.g., RFID card, app) or simply pressing a button.
5. **Monitor Charging:** Observe the charging indicators on your vehicle and the charging station to confirm that charging has commenced. The cable supports a charging current of 20A and can facilitate charging power up to 11 kW at public charging stations. The cable itself is rated for up to 22kW and 32A, depending on the infrastructure.
6. **Disconnect After Charging:** Once charging is complete, follow the charging station's or vehicle's instructions to stop the charging process. Disconnect the vehicle-side connector first, then the infrastructure-side connector. Always replace the protective cap on the cable's coupling.



Image: A user connecting the Mennekes Type 2 charging cable to an electric vehicle at a public charging station, demonstrating the connection process.

The 7.5-meter cable length provides flexibility for connecting to charging points even in less accessible locations.

MAINTENANCE

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

- **Cleaning:** Clean the cable and connectors with a dry, soft cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring all parts are dry before storage or next use. Do not use abrasive cleaners or solvents.
- **Storage:** Store the cable in a dry, cool place, away from direct sunlight and extreme temperatures. Coil the cable loosely to prevent kinks or damage. Always use the protective cap on the coupling when storing.
- **Avoid Damage:** Do not drive over the cable, pull it excessively, or expose it to sharp objects. The cable's robust quality is designed for durability, but proper handling is essential.

TROUBLESHOOTING

If you encounter issues with your charging cable, consider the following common solutions:

- **Charging Not Initiating:**
 - Ensure both ends of the cable are securely connected to the vehicle and the charging station.
 - Verify that the charging station is active and properly authorized (if required).
 - Check the vehicle's dashboard for any error messages related to charging.
- **Slow Charging:**
 - Confirm the charging station's output power matches your vehicle's charging capacity.
 - Ensure no other high-power devices are drawing significant current from the same circuit (if charging at home).
- **Cable Disconnection:**
 - Ensure the cable is not under tension or being pulled.
 - Check for any obstructions in the connectors.

If problems persist after attempting these steps, discontinue use and contact Mennekes customer support or a qualified technician.

SPECIFICATIONS

Feature	Detail
Brand	MENNEKES
Model	36245
Part Number	36245
Compatible Devices	Charging Adapter, Electric Vehicles with Type 2 connector
Connector Type (Vehicle Side)	Type 2 (IEC 62196-2)
Connector Type (Infrastructure Side)	Type 2 (IEC 62196-2)
Charging Current	20 A (up to 32A cable rating)
Max Charging Power	Up to 22 kW (cable rating), up to 11 kW (typical public station)
Cable Length	7.5 meters
Material Type	Plastic
Product Dimensions	750 x 1.28 x 1.28 cm
Item Weight	2.73 kg
Operating Temperature	-40°C to +50°C






WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation provided with your purchase or visit the official Mennekes website. Mennekes is committed to providing high-quality charging solutions and customer satisfaction.

If you require technical assistance, have questions about product functionality, or need to report an issue, please contact Mennekes customer support through their official channels. Contact details can typically be found on the Mennekes website or on the product packaging.

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Related Documents - 36245

	<p>Mennekes AMTRON/AMEDIO Wallbox LAN Configuration Guide for DKV Mobility</p> <p>This guide provides instructions for migrating Mennekes AMTRON and AMEDIO wallboxes to the DKV Mobility backend using a LAN connection. It covers initial setup, network configuration, and testing the migration process.</p>
	<p>Mennekes AMTRON/AMEDIO Wallbox SIM Configuration and DKV Mobility Migration Guide</p> <p>A comprehensive guide for configuring Mennekes AMTRON/AMEDIO Wallboxes with a SIM card and migrating them to the DKV Mobility backend, including step-by-step instructions for setup and verification.</p>
	<p>MENNEKES AMTRON Compact 3,7 / 11 C2 Betriebs- und Installationsanleitung</p> <p>Umfassende Anleitung zur Installation und Bedienung der MENNEKES AMTRON Compact 3,7 / 11 C2 Ladestation für Elektrofahrzeuge, die Sicherheit, technische Daten und Bedienung abdeckt.</p>
	<p>MENNEKES AMTRON 4You 300/310 Electric Vehicle Charging Station Installation and Configuration Guide</p> <p>Comprehensive guide for the MENNEKES AMTRON 4You 300 and 310 series electric vehicle charging stations, covering installation, system overview, and configuration options. Includes safety instructions and technical specifications.</p>
	<p>MENNEKES AMTRON® Charge Control: Networking, Connection, and Load Management Guide</p> <p>Comprehensive guide to networking, connecting, and configuring load management (DLM) for MENNEKES AMTRON® Charge Control charging stations. Covers setup, network configuration (DHCP/Static), DLM use cases, and phase imbalance prevention.</p>

