

Duosida 2010-2050-XC-3

Duosida Type 2 to Type 2 EV Charging Cable User Manual

Model: 2010-2050-XC-3

1. INTRODUCTION

Thank you for choosing the Duosida Type 2 to Type 2 EV Charging Cable. This manual provides essential information for the safe and efficient use of your charging cable. Please read it carefully before use and retain it for future reference.

This cable is designed for charging electric vehicles equipped with a Type 2 charging port from a compatible Type 2 charging station. It supports 3-phase charging up to 32 Amperes, delivering a maximum power of 22 kW.



Image 1: Duosida Type 2 EV Charging Cable, coiled for storage.

2. SAFETY INSTRUCTIONS

Always follow these safety guidelines to prevent injury or damage to the product and your vehicle:

- Do not use the cable if it appears damaged, frayed, or has exposed wiring.
- Ensure both the vehicle's charging port and the charging station's outlet are clean and dry before connecting.
- Never force the connector into the port. It should connect smoothly.
- Do not immerse the cable or connectors in water or other liquids.
- Keep the cable away from heat sources, sharp objects, and moving parts.
- Always disconnect the cable from the vehicle and charging station when not in use.
- Children should be supervised to ensure they do not play with the charging cable.
- This cable is designed for outdoor use, but avoid charging during severe weather conditions like heavy rain or lightning.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Duosida Type 2 to Type 2 EV Charging Cable (5 meters)
- 1 x Compact Carrying Case

4. SETUP

Before first use, inspect the cable and connectors for any signs of damage. If damage is found, do not use the cable and contact customer support.



Image 2: Close-up of the Type 2 connector, showing the pin configuration.

5. OPERATING INSTRUCTIONS

Follow these steps to charge your electric vehicle:

1. **Prepare the Vehicle:** Ensure your electric vehicle is turned off and the parking brake is engaged.
2. **Connect to Charging Station:** Remove the protective cap from one end of the Duosida charging cable. Insert this end firmly into the Type 2 outlet of the charging station. Ensure it clicks into place.
3. **Connect to Vehicle:** Remove the protective cap from the other end of the Duosida charging cable. Insert this end firmly into your vehicle's Type 2 charging port. Ensure it clicks into place.
4. **Initiate Charging:** Follow the instructions on the charging station to start the charging process. This may involve swiping an RFID card, using a mobile app, or pressing a button.
5. **Monitor Charging:** Observe the charging indicators on your vehicle's dashboard or the charging station to confirm that charging has begun.
6. **Terminate Charging:** Once charging is complete, follow the charging station's instructions to stop the session. Disconnect the cable first from the vehicle, then from the charging station. Replace the protective caps on both connectors.



Image 3: Detailed view of the Type 2 connector's pin layout.

6. MAINTENANCE

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

- **Cleaning:** Wipe the cable and connectors with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and ensure all parts are completely dry before storage or next use. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the cable in its compact carrying case in a dry, cool place, away from direct sunlight and extreme temperatures. Avoid kinking or tightly bending the cable.
- **Inspection:** Regularly inspect the cable for any signs of wear, cuts, cracks, or damage to the connectors. If any damage is observed, discontinue use immediately.

7. TROUBLESHOOTING

If you encounter issues while using your Duosida charging cable, refer to the following common problems and solutions:

- **Charging Not Initiating:**
 - Ensure both ends of the cable are fully inserted and locked into place.
 - Check the charging station's display for error messages.
 - Verify that the charging station is active and authorized for use.
 - Check your vehicle's charging settings.
- **Slow Charging:**
 - Confirm the charging station is providing the expected power output.
 - Ensure your vehicle is configured for maximum charging speed.
 - Environmental factors (e.g., extreme cold) can affect charging speed.
- **Cable Stuck:**
 - Ensure the charging session has been properly terminated from the charging station.
 - Some vehicles require unlocking the car doors to release the cable.
 - Refer to your vehicle's manual for specific cable release procedures.

If the problem persists, contact a qualified technician or Duosida customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	2010-2050-XC-3
Connector Type	Type 2 (Mennekes) to Type 2 (Mennekes)
Current Rating	32 Amperes
Phases	3-Phase
Maximum Power	22 kW
Maximum Voltage	480 Volts (AC)
Cable Length	5 meters
Product Weight	3 kg
Certifications	CE, IEC 62196-2, TUV, UL
Recommended Use	Outdoor EV Charging
Special Feature	Compact design with carrying case
Compatible Devices	Audi A3 e-tron, Audi Q7 e-tron, BMW 225e, BMW 328e, BMW 330e, BMW 530e, BMW i3, i8, BMW X5 40e, BYD e6, Hyundai IONIQ Electric & PHEV, Mercedes B, Class Electric, Mercedes C350e PHEV, Mercedes GLE 500e, Mercedes S500 PHEV, Mercedes SLS EV, Mercedes Vito, E-Cell, Porsche Cayenne S E-HYBRID, Porsche Panamera S PHEV, Renault Zoe, Smart Electric Drive, Tesla Model 3, S, X, Volvo S90 T8, Volvo V60, XC90 PHEV, VW e-Golf, VW Golf GTE, VW Up

9. WARRANTY AND SUPPORT

This Duosida product comes with a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions. For technical support, warranty claims, or any other inquiries, please contact your retailer or visit the official Duosida website.