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## Masterplug EVCP21310SLMP

# Masterplug Chargepoint Home EV Charging Cable User Manual

Model: EVCP21310SLMP

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Masterplug Chargepoint Home EV Charging Cable. This Mode 2, Type 2 charging cable is designed for charging electric vehicles equipped with a Type 2 inlet, primarily European models, from a standard 3-pin domestic power supply. Please read this manual thoroughly before first use and retain it for future reference.



Image 1: Masterplug Chargepoint Home EV Charging Cable. This image displays the coiled green charging cable, the white Type 2 connector, the black control box, and the 3-pin UK plug.

## 1.1 Safety Information

- Always ensure the charging cable is fully uncoiled before use to prevent overheating.
- Do not use the cable if it appears damaged, frayed, or has exposed wires.
- Ensure the power outlet is suitable and correctly earthed.
- Keep the control box and connectors dry. The cable has an IP54 rating, making it resistant to water splashes and dust, but it should not be submerged.
- Do not attempt to open or repair the charging cable or control box. Contact qualified personnel for service.

- Keep out of reach of children.
- Avoid driving over the cable or placing heavy objects on it.

## 2. PACKAGE CONTENTS

The Masterplug Chargepoint Home EV Charging Cable package includes:

- 1 x Masterplug Chargepoint Home EV Charging Cable (10 Metre, Type 2, Mode 2, 3-Pin Plug)

## 3. PRODUCT OVERVIEW

The Masterplug EV charging cable features an inline power controller with an LED display to indicate charging status and built-in power protection. It is equipped with a Type 2 connector for the vehicle and a 13A fused 3-pin plug for connection to a domestic power supply.



*Image 2: Product Features Diagram. This diagram highlights the key components: the 10-meter cable, the Type 2 connector, the inline power controller with LED display, and the 13A fused 3-pin plug. It also shows the Mode 2 charging type and IP54 rating.*

### 3.1 Key Components

- **Type 2 Connector:** Connects to the electric vehicle's charging port. Features 7 pins and a locking mechanism.
- **Inline Power Controller:** Contains the charging electronics and an LED display for status indication.
- **3-Pin Plug:** Connects to a standard domestic 240V AC power outlet.
- **Charging Cable:** 10-meter length, green, designed for outdoor use with IP54 rating.



*Image 3: Close-up of the Type 2 Connector. This image shows the detailed design of the Type 2 connector, including its pins and the protective cap.*

## 4. SETUP INSTRUCTIONS

1. **Uncoil the Cable:** Fully uncoil the entire 10-meter charging cable to prevent heat buildup during operation.
2. **Connect to Power Outlet:** Insert the 3-pin plug firmly into a standard, earthed 240V AC domestic power outlet. Ensure the outlet is in good condition and not overloaded.
3. **Prepare Vehicle:** Ensure your electric vehicle is turned off and the charging port cover is open.
4. **Connect to Vehicle:** Insert the Type 2 connector into your vehicle's charging inlet. Push firmly until it clicks into place. The vehicle will typically lock the connector in place.



*Image 4: Charging Cable Connected to an Electric Vehicle. This image illustrates the Type 2 connector securely plugged into the charging port of a white electric vehicle.*

## 5. OPERATING INSTRUCTIONS

Once both ends of the cable are securely connected, the charging process will typically begin automatically. The inline power controller's LED display will indicate the charging status.

- 1. Initiate Charging:** After connecting the cable to both the power source and the vehicle, the control box will perform a self-check, and charging will commence.
- 2. Monitor Charging:** Observe the LED indicator on the control box and your vehicle's dashboard for charging status. The cable charges at 10 A/2.3 kW, providing an average of 8 miles range per charging hour.
- 3. Completion of Charging:** The cable will automatically stop charging when the vehicle's battery is full. The LED indicator will change to reflect this status.
- 4. Disconnecting:**
  - First, unlock the Type 2 connector from your vehicle (if applicable, refer to your vehicle's manual).
  - Remove the Type 2 connector from the vehicle's charging inlet.

- Unplug the 3-pin plug from the domestic power outlet.
- Carefully coil the cable for storage.

## 6. LED INDICATOR STATUS

The inline power controller features an LED display to communicate the charging status. Specific indications may vary slightly, but generally follow these patterns:

LED Status	Meaning
<b>Solid Green</b>	Power connected, ready to charge.
<b>Flashing Green</b>	Charging in progress.
<b>Solid Blue/Cyan</b>	Charging complete or vehicle fully charged.
<b>Solid Red / Flashing Red</b>	Error detected. Refer to the Troubleshooting section.

*Note: Consult your vehicle's manual for specific charging indicators on your dashboard.*

## 7. MAINTENANCE

- Cleaning:** Wipe the cable and connectors with a dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure connectors are dry before use.
- Storage:** Store the cable in a dry, cool place, away from direct sunlight and extreme temperatures. Coil the cable neatly to prevent kinks or damage.
- Inspection:** Regularly inspect the cable, plugs, and control box for any signs of damage, wear, or corrosion. If any damage is found, discontinue use immediately.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
<b>No charging / Red LED indicator</b>	<ul style="list-style-type: none"> <li>Cable not fully plugged in.</li> <li>Power outlet issue (no power, faulty).</li> <li>Vehicle charging port issue.</li> <li>Internal fault in the cable/control box.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure all connections are secure.</li> <li>Test the power outlet with another appliance.</li> <li>Check vehicle's dashboard for error messages.</li> <li>Disconnect and reconnect the cable. If the error persists, discontinue use and contact support.</li> </ul>
<b>Slow charging</b>	<ul style="list-style-type: none"> <li>Vehicle settings (e.g., scheduled charging).</li> <li>Power supply limitations.</li> </ul>	<ul style="list-style-type: none"> <li>Check your vehicle's charging settings.</li> <li>Ensure the power outlet is providing stable 240V.</li> </ul>

Problem	Possible Cause	Solution
<b>Cable or plug feels warm</b>	<ul style="list-style-type: none"><li>Normal during operation, but excessive heat indicates a problem.</li><li>Cable not fully uncoiled.</li><li>Faulty connection or overloaded circuit.</li></ul>	<ul style="list-style-type: none"><li>Ensure the cable is fully uncoiled.</li><li>Check connections. Discontinue use if heat is excessive or accompanied by burning smell.</li></ul>

If troubleshooting steps do not resolve the issue, discontinue use and contact Masterplug customer support.

## 9. SPECIFICATIONS

Feature	Detail
<b>Model Number</b>	EVCP21310SLMP
<b>Brand</b>	Masterplug
<b>Cable Length</b>	10 Metres
<b>Connector Type (Vehicle)</b>	Type 2
<b>Connector Type (Power)</b>	3-Pin UK Plug (13A Fused)
<b>Charging Mode</b>	Mode 2
<b>Input Voltage</b>	240 Volts AC
<b>Charging Current / Power</b>	10 A / 2.3 kW
<b>IP Rating</b>	IP54 (Water and Dust Resistant)
<b>Product Dimensions</b>	14.57 x 14.57 x 3.03 inches (Control Box/Packaged)
<b>Item Weight</b>	6.27 pounds (2.85 Kilograms)

## 10. WARRANTY AND SUPPORT

Masterplug, part of Luceco PLC, guarantees against faulty materials and workmanship. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Masterplug website.

For technical support or warranty claims, please contact Masterplug customer service. Ensure you have your product model number (EVCP21310SLMP) and proof of purchase available.

**Manufacturer:** Masterplug

