

Rolec EV74-4020

Rolec WallPod EV Charger User Manual

Model: EV74-4020

INTRODUCTION

This manual provides essential information for the safe and effective use of your Rolec WallPod EV Charger. The WallPod is a 7.4kW (32A) single-phase socketed EV charging unit designed for domestic installations. It supports full Mode 3 charging for all Electric Vehicles (EV/PHEV) currently available on the market.

Key features include:

- Suitable for domestic installations.
- Plug & charge functionality.
- Universal charging socket or Type 2 compatibility.
- Up to 7.4kW charging output.
- IK10 impact resistant design.
- Designed for wall or post mounting.
- Integrated cable lock security feature.
- Manufactured in the UK.



Figure 1: Rolec WallPod EV Chargers in White, Grey, and Black.

SETUP AND INSTALLATION

The Rolec WallPod is designed for fixed installation. Due to the electrical nature of this product, installation must be carried out by a qualified electrician in accordance with local wiring regulations and standards.

Mounting Location

The unit can be mounted on a wall or a dedicated post. Consider the following when selecting a location:

- Proximity to the electrical supply.
- Accessibility for vehicle charging.
- Protection from direct impact or excessive environmental exposure, although the unit features an IK10 impact resistant design.
- Ensure the mounting surface can support the unit's weight of approximately 5 kg.



Figure 2: WallPod Charger Installed and in Use.

Electrical Connection

The WallPod requires a 220 Volt input and provides a 220 Volt output with a current rating of 32 Amps. All wiring must comply with national and local electrical codes. Ensure proper earthing and circuit protection are in place.

OPERATING INSTRUCTIONS

The Rolec WallPod is designed for simple "Plug & Charge" operation.

Charging Your Vehicle

1. Ensure the WallPod is powered on and ready for use.
2. Connect the charging cable from your electric vehicle to the socket on the WallPod. The unit is compatible with universal charging sockets or Type 2 connectors.
3. The WallPod will automatically begin charging your vehicle, delivering up to 7.4kW of power.
4. To stop charging, disconnect the cable from your vehicle first, then from the WallPod.

Cable Lock Security Feature

The WallPod includes a cable lock security feature. This allows the user to permanently lock the charging cable into the unit, preventing unauthorized removal during charging or when the unit is not in use. Refer to the detailed installation guide provided with the product for instructions on activating and deactivating this feature.

Product Variants

The Rolec WallPod is available in several color options to suit different aesthetic preferences:





White WallPod





Grey WallPod





Black WallPod

MAINTENANCE

The Rolec WallPod is designed for durability and requires minimal maintenance. However, regular checks can help ensure its longevity and safe operation.

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the unit is not actively charging and is powered off before cleaning.
- **Inspection:** Regularly inspect the charging socket and cable for any signs of wear, damage, or corrosion. If any damage is observed, discontinue use and contact a qualified electrician or Rolec support.
- **Environmental Protection:** While the unit has an IK10 impact resistant design, avoid exposing it to extreme conditions beyond its operating specifications.

TROUBLESHOOTING

If you encounter issues with your Rolec WallPod, consider the following basic troubleshooting steps:

- **No Power:** Check the circuit breaker supplying power to the WallPod. Ensure it has not tripped.
- **Charging Not Initiating:** Ensure the charging cable is securely connected to both the WallPod and your vehicle. Verify that your vehicle is ready to accept a charge.
- **Slow Charging:** Confirm that your vehicle is configured to accept the full charging rate. Check for any error indicators on the WallPod or your vehicle.
- **Cable Lock Issue:** If the cable lock feature is not functioning correctly, do not force the cable. Refer to the product's detailed guide or contact support.

For persistent issues or complex problems, it is recommended to contact a qualified electrician or Rolec customer support for assistance.

SPECIFICATIONS

Feature	Detail
Model Number	EV74-4020
Brand	Rolec
Charging Output	7.4 kW
Current Rating	32 Amps
Input Voltage	220 Volts
Output Voltage	220 Volts
Product Dimensions (D x W x H)	14.2 x 17.9 x 36.7 cm
Item Weight	5 Kilograms
Color Options	Black, Grey, White

Feature	Detail
Impact Resistance	IK10
First Available Date	19 May 2022

WARRANTY AND SUPPORT

Warranty information for the Rolec WallPod EV Charger is typically provided by the manufacturer, Rolec, or the authorized seller at the time of purchase. Please refer to your purchase documentation or the official Rolec website for specific warranty terms and conditions.

For technical support, service, or warranty claims, please contact Rolec customer service directly. Contact details can usually be found on the Rolec official website or within the product packaging.

Note: Any repairs or modifications to the unit should only be performed by qualified personnel to maintain safety and warranty validity.