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Webasto 5910757B

Webasto Go Dual Voltage Portable EV Charger Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Webasto Go Dual Voltage Portable EV Charger. The Webasto Go is designed to provide flexible charging solutions for electric vehicles, supporting both Level 1 (120V) and Level 2 (240V) charging.

It is compatible with all J1772 plug types and can charge Tesla vehicles with the appropriate adapter.

2. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety instructions before operating the Webasto Go charger.

- **UL and cUL Certified:** The Webasto Go charger is tested and certified to the highest safety standards by UL and cUL.
- **Advanced Safety Features:** Equipped with thermal detection, auto-restart and recovery, and ground detection against faults to ensure safe operation.
- **Watertight Rating:** The charger has a NEMA 6P watertight rating, allowing it to be submerged in up to 3 feet of water. This ensures safe indoor or outdoor charging in various weather conditions.
- **Proper Installation:** Ensure that the NEMA 14-50R receptacle for Level 2 charging is installed by a qualified electrician according to local codes.
- **Avoid Damage:** Do not use the charger if the cable or connector is damaged. Do not attempt to open or repair the unit.

3. PACKAGE CONTENTS

Verify that all items are present in your Webasto Go package:

- Webasto Go Portable EV Charger Unit with J1772 Connector
- NEMA 14-50 Grid Plug Assembly
- NEMA 5-15 Grid Plug Assembly

- Carrying Case
- Mounting Brackets



Image 3.1: Webasto Go charger with included NEMA 14-50 and NEMA 5-15 plug adapters.



Image 3.2: Webasto Go charger alongside its protective carrying case.

4. SETUP

The Webasto Go charger offers flexible setup options for both Level 1 and Level 2 charging.

4.1. Level 1 Charging (120V)

1. Ensure the NEMA 5-15 grid plug assembly is securely attached to the Webasto Go control unit.
2. Plug the NEMA 5-15 plug into a standard 120V NEMA 5-15R household outlet.
3. The charger will perform a self-check, indicated by its status lights.

4.2. Level 2 Charging (240V)

1. Ensure the NEMA 14-50 grid plug assembly is securely attached to the Webasto Go control unit.
2. Plug the NEMA 14-50 plug into a dedicated 240V NEMA 14-50R receptacle. *Note: Installation of a NEMA 14-50R receptacle typically requires a qualified electrician.*
3. The charger will perform a self-check, indicated by its status lights.

The intelligent grid plug assemblies automatically detect the connected power source and adjust charging parameters accordingly.



Image 4.1: Webasto Go charger connected to a wall outlet and an EV for charging.

5. OPERATING INSTRUCTIONS

The Webasto Go is designed for simple plug-and-play operation.

1. **Connect to Power:** Follow the setup instructions in Section 4 to connect the Webasto Go charger to the appropriate power outlet (120V or 240V).
2. **Connect to Vehicle:** Open your electric vehicle's charging port. Insert the J1772 connector from the Webasto Go into your vehicle's charging port. For Tesla vehicles, use the appropriate J1772 to Tesla adapter (sold separately).
3. **Initiate Charging:** The charger will automatically begin charging your vehicle. The status indicator lights on the Webasto Go unit will show the charging status.
4. **Monitor Charging:** You can monitor your vehicle's charging status through its onboard display or mobile

application.

5. **End Charging:** To stop charging, first disconnect the J1772 connector from your vehicle, then unplug the charger from the wall outlet.

The Webasto Go can deliver up to 7.7kW of power, providing approximately 30 miles of range per hour charged, depending on your vehicle's efficiency.



Image 5.1: Webasto Go charger and its carrying case stored conveniently in a vehicle's trunk, highlighting its portability.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Webasto Go charger, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the charger unit and cables with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Cable Inspection:** Periodically inspect the charging cable and connectors for any signs of wear, cuts, or damage. Do not use if damage is observed.
- **Storage:** When not in use, store the Webasto Go in its carrying case in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid coiling the cable too tightly.
- **Connector Care:** Keep the J1772 connector and grid plug pins clean and free from debris.

7. TROUBLESHOOTING

If you encounter issues with your Webasto Go charger, refer to the following common troubleshooting steps:

- **Charger Not Activating:** Ensure the grid plug assembly is fully inserted into the control unit and the wall outlet. Check the wall outlet for power by testing with another device.
- **No Charging Indication:** Verify that the J1772 connector is fully and securely inserted into your vehicle's

charging port. Check your vehicle's dashboard or app for charging status.

- **Indicator Light Errors:** Refer to the Webasto Go's indicator light patterns (if available in a separate guide) for specific error codes. A solid amber light may indicate a fault or incompatibility; ensure correct adapter usage for Tesla vehicles.
- **Reduced Charging Speed:** Confirm you are using the correct grid plug for the desired voltage (NEMA 14-50 for Level 2, NEMA 5-15 for Level 1). Ensure the electrical circuit is not overloaded.

If problems persist after attempting these steps, please contact Webasto customer support for assistance.

8. SPECIFICATIONS

Technical specifications for the Webasto Go Dual Voltage Portable EV Charger (Model: 5910757B):

Feature	Specification
Model Number	5910757B
Max Current (240V)	32 Amps (7.7 kW)
Max Current (120V)	12 Amps (1.4 kW)
AC Compatibility	85 - 265 VAC, 45 - 65 Hz
Connector Type	J1772
Safety Certifications	UL, cUL Listed
Watertight Rating	NEMA 6P (submersible up to 3 ft)
Item Weight	11.43 pounds
Package Dimensions	16.4 x 16.4 x 5.7 inches (320 x 320 x 100 mm)
Special Features	Adaptive Fast Charging, Thermal Detection, Ground Detection

9. WARRANTY AND SUPPORT

For warranty information, product support, or technical assistance, please contact Webasto customer service. Details can typically be found on the official Webasto website or through your purchase documentation.

