



Manuals.plus /

› AMPURE /

› AMPURE Portable Level 2 EV Charger (Model AMGO1) Instruction Manual

## AMPURE AMGO1

# AMPURE Portable Level 2 EV Charger (Model AMGO1) Instruction Manual

Model: AMGO1 | Brand: AMPURE

## INTRODUCTION

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This manual provides essential instructions for the safe and efficient use of your AMPURE Portable Level 2 EV Charger, Model AMGO1. Designed for convenience and reliability, this charger offers fast charging for electric vehicles and plug-in hybrids, supporting both 120V (Level 1) and 240V (Level 2) charging with a NEMA 14-50 plug and a 20ft cable. It is UL and Energy Star certified, ensuring safety and performance for indoor and outdoor use.

Please read this manual thoroughly before operating the device to ensure proper installation, usage, and maintenance.



Figure 1: AMPURE Portable Level 2 EV Charger. This image displays the main components of the charger, including the control unit, the NEMA 14-50 power plug, and the SAE J1772 vehicle connector.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- AMPURE GO Level 2 EV Charger Unit
- SAE J1772 Coupler (integrated with charger cable)
- 20-foot Premium Charging Cable (integrated)
- Quick-Release Wall Bracket
- NEMA 14-50 Plug (integrated with charger cable)
- Carrying Case for Travel

What's in The Box

# Everything you need to charge.

No fuss, no stress. Just fast, reliable, portable power.



Figure 2: Package Contents. This image displays the AMPURE GO Level 2 EV charger unit, the SAE J1772 connector, the 20-foot cable, the quick-release wall bracket, and the carrying case.

## SETUP INSTRUCTIONS

Follow these steps to set up your AMPURE Portable EV Charger:

- 1. Unpack the Charger:** Carefully remove all components from the carrying case.
- 2. Choose a Location:** Select a dry, well-ventilated area for charging. The charger is IP67 water-resistant, suitable for both indoor and outdoor use, but protection from direct heavy rain is recommended for longevity.
- 3. Mounting (Optional):**
  - If permanent mounting is desired, use the quick-release wall bracket. Secure the bracket to a sturdy wall stud or appropriate anchor points using suitable hardware (not included).
  - Ensure the mounting location allows the charging cable to reach your vehicle without tension or obstruction.
- 4. Connect to Power:**
  - Insert the NEMA 14-50 plug firmly into a dedicated 240V NEMA 14-50 outlet. Ensure the outlet

is properly grounded and installed by a qualified electrician.

- For 120V (Level 1) charging, use the appropriate adapter (if included or purchased separately) to connect to a standard 120V household outlet.
- The charger will perform a self-test, and indicator lights will illuminate to confirm readiness.

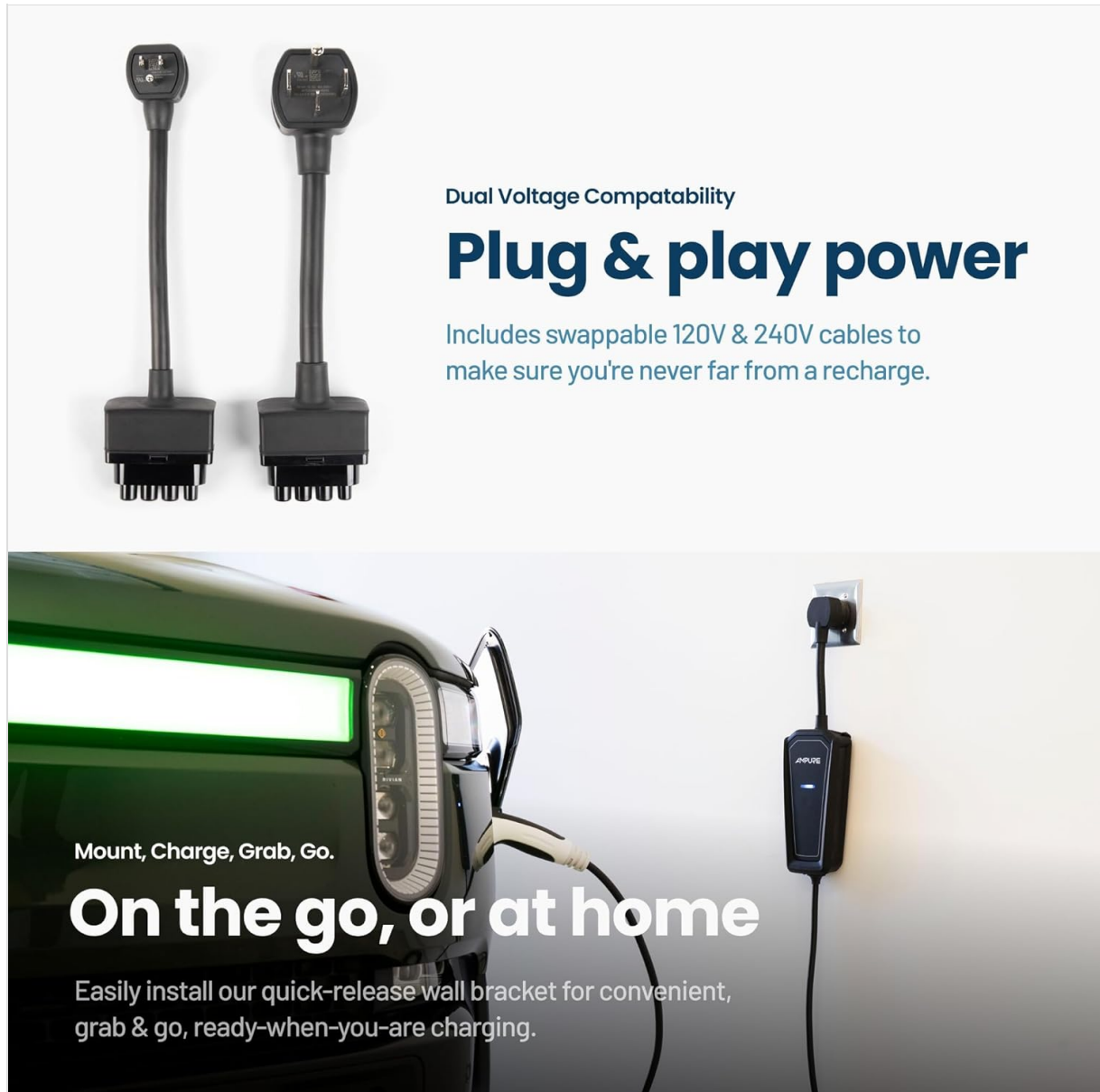


Figure 3: Charger Power Connection. This image illustrates the dual voltage cables and the charger unit mounted on a wall, connected to a NEMA 14-50 outlet, ready for use.

**Important Safety Note:** Always ensure the NEMA 14-50 outlet is in good condition and free from damage. Do not use extension cords or adapters not specifically designed for EV charging, as this can pose a fire hazard.

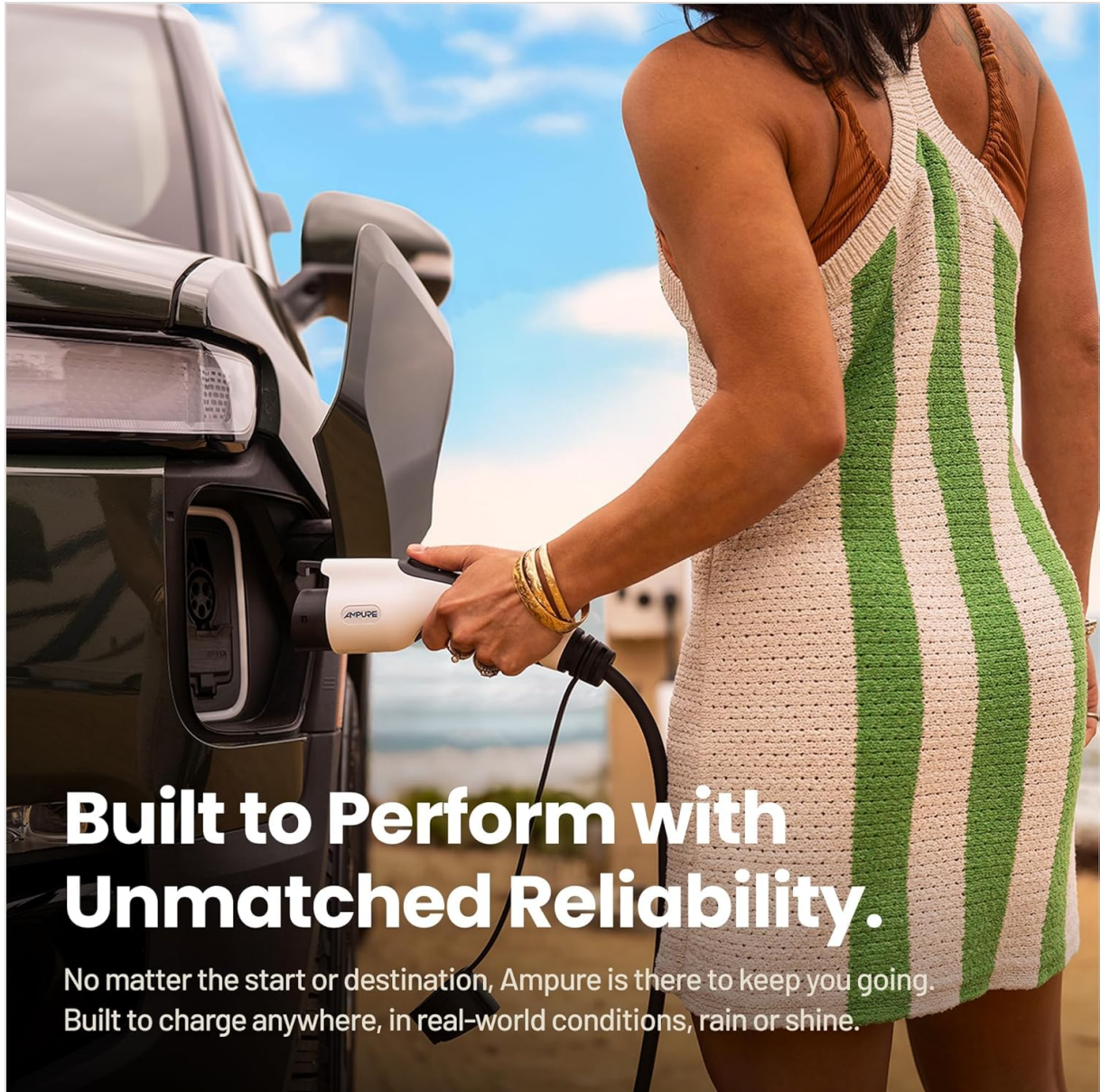
## OPERATING INSTRUCTIONS

To charge your electric vehicle:

1. **Prepare Your Vehicle:** Ensure your vehicle is turned off and the charging port door is open.
2. **Connect to Vehicle:** Grasp the SAE J1772 connector firmly and insert it into your vehicle's charging port. Push until it clicks into place.
3. **Initiate Charging:** The charger will automatically detect the vehicle and begin the charging process. The indicator lights on the charger unit will change to show active charging status (e.g., blinking

green). Your vehicle's dashboard or charging port indicator will also confirm charging.

4. **Monitor Charging:** Periodically check the charger and vehicle indicators to ensure charging is proceeding as expected.
5. **Stop Charging:** To stop charging, first unlock your vehicle's charging port (if applicable), then press the release button on the SAE J1772 connector and pull it out from the vehicle's port.
6. **Disconnect from Power (Optional):** If not using the charger for an extended period, unplug the NEMA 14-50 plug from the wall outlet.



## Built to Perform with Unmatched Reliability.

No matter the start or destination, Ampure is there to keep you going.  
Built to charge anywhere, in real-world conditions, rain or shine.

Figure 4: Connecting to an EV. This image shows the SAE J1772 connector being inserted into an electric vehicle's charging port.

**Universal Compatibility:** The SAE J1772 connector is compatible with all EVs and PHEVs, including Tesla (with an adapter), Bolt, VW ID 4, Nissan Leaf, Ford Mach E, IONIQ 5/6, BMW i3, i4, iX, Audi, and Jeep Wrangler 4xe, Kia EV6, EV9, and more.

Your browser does not support the video tag.

Video 1: AMPURE GO Level 2 Portable Fast EV Charger Overview. This video demonstrates the portability, setup, and connection process of the AMPURE EV charger, showing it being plugged into a wall outlet and then into an electric vehicle.

## MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charger:

- **Cleaning:** Wipe the charger unit and cables with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is unplugged before cleaning.
- **Cable Care:** Avoid kinking, twisting, or driving over the charging cable. Store the cable neatly when not in use, preferably in the provided carrying case or on the wall bracket.
- **Connector Inspection:** Regularly inspect the NEMA 14-50 plug and SAE J1772 connector for any signs of damage, corrosion, or foreign objects. Do not use if damaged.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Charger not turning on / No indicator lights	No power from outlet; loose connection; internal fault.	Ensure NEMA 14-50 plug is fully inserted. Check the circuit breaker for the outlet. Try a different compatible outlet if available. If problem persists, contact support.
Vehicle not charging	SAE J1772 connector not fully inserted; vehicle charging port issue; charger fault.	Ensure the SAE J1772 connector is securely latched into the vehicle's charging port. Check vehicle's charging settings. Verify charger indicator lights show active charging.
Charging stops unexpectedly	Overheating; over/under voltage; vehicle fault; power interruption.	Check for obstructions around the charger unit. Ensure proper ventilation. Unplug and re-plug the charger. If the issue is frequent, contact support. The charger has built-in safety protections for these conditions.
Slow charging speed	Using 120V outlet instead of 240V; vehicle settings; external factors.	Ensure you are connected to a 240V NEMA 14-50 outlet for Level 2 charging. Check your vehicle's charging settings.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact AMPURE customer support.

## SPECIFICATIONS

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Feature	Detail
Model Number	AMGO1
Brand	AMPURE
Charging Level	Level 2 (also supports Level 1 with appropriate adapter)
Current Rating	32 Amps
Input Voltage	120V / 240V
Plug Type	NEMA 14-50
Connector Type	SAE J1772
Cable Length	20 feet
Certifications	UL, Energy Star, IP67 (Water Resistance)
Safety Features	Built-in GFCI, Over/Under Voltage Protection, Overheating Protection, Surge Protection
Item Weight	10.03 pounds
Package Dimensions	14.8 x 13.6 x 4.5 inches

## WARRANTY INFORMATION

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The AMPURE Portable Level 2 EV Charger (Model AMGO1) includes a **3-Year Product Protection**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty card included with your product or contact AMPURE customer support.

This product is designed and engineered in the USA, built for durability in all climates.

## CUSTOMER SUPPORT

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For technical assistance, warranty claims, or any questions regarding your AMPURE Portable Level 2 EV Charger, please contact AMPURE customer support. We are committed to providing real, knowledgeable support.

You can find contact information and additional resources by visiting the official AMPURE store on Amazon: [Visit AMPURE Store](#)