

AMPURE AMGO1

Ampure Go 2 Portable EV Charger NACS Instruction Manual

Model: AMGO1

1. INTRODUCTION

Thank you for choosing the Ampure Go 2 Portable EV Charger NACS. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your charger. Please read this manual thoroughly before using the product and retain it for future reference.

The Ampure Go 2 is a Level 2 portable electric vehicle charger designed for NACS-compatible vehicles, including Tesla models. It offers fast charging capabilities, delivering up to 32A at 240V, and is built for durability in various indoor and outdoor conditions.



Image 1.1: Ampure Go 2 Portable EV Charger with NACS connector and interchangeable power adapters.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following safety guidelines:

- **Electrical Safety:** Ensure the electrical outlet used is properly grounded and rated for the charger's specifications (NEMA 14-50 for 240V, standard 120V outlet for Level 1). Do not use damaged outlets or extension cords.
- **Product Integrity:** Do not use the charger if the cable, plug, or charging unit is damaged. Contact customer support for assistance.
- **Environmental Conditions:** The charger is IP67 waterproof and NEMA 3S-rated for outdoor use. However, avoid submerging the unit in water or exposing it to extreme temperatures beyond its operating range.
- **Children and Pets:** Keep the charger and cables out of reach of children and pets during operation and storage.
- **Ventilation:** Ensure adequate ventilation around the charging unit during operation to prevent overheating.

- **Emergency Disconnect:** In case of an emergency, immediately unplug the charger from the power source and disconnect it from the vehicle.

The Ampure Go 2 is UL & ENERGY STAR certified, incorporating built-in safeguards against over/under voltage, overheating, and electrical faults for enhanced safety.

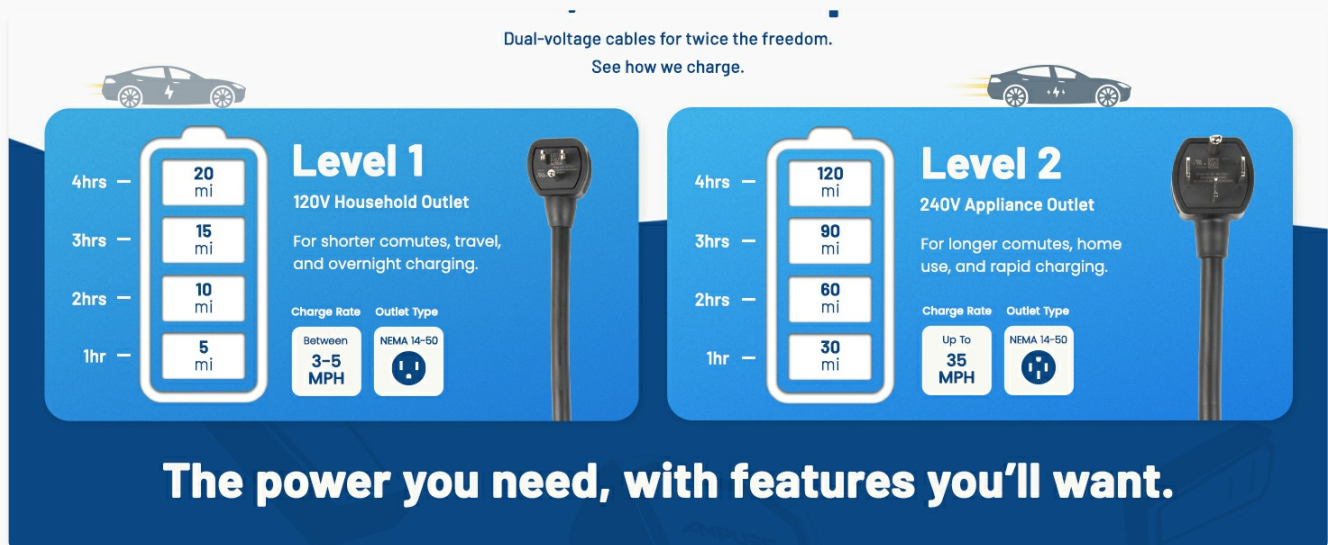


Image 2.1: Overview of Ampure Go 2 safety features and certifications.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Ampure Go 2 Portable EV Charger (with integrated NACS connector and 20-foot cable)
- Standard Outlet Level 1 Plug (120V adapter)
- Appliance Outlet Level 2 Plug (240V NEMA 14-50 adapter)
- Carrying Case for Travel

What's in The Box

Everything you need to charge.

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

Dual Voltage Cables
(240V/120V)

Ampure Go 2
Portable Charger

NACS
Connector



Image 3.1: All components included in the Ampure Go 2 Portable EV Charger package.

4. SETUP

Follow these steps to set up your Ampure Go 2 charger:

1. **Select Power Adapter:** Choose the appropriate power adapter (120V or 240V NEMA 14-50) based on the available electrical outlet. The 240V NEMA 14-50 adapter provides Level 2 fast charging.
2. **Connect Adapter:** Securely attach the selected power adapter to the main charging unit. Ensure it clicks into place firmly.
3. **Plug into Outlet:** Insert the power adapter into the corresponding electrical outlet. The charger's indicator light should illuminate, indicating it is powered on.
4. **Position Charger:** Place the charging unit in a stable location, ensuring the cable can reach your vehicle without tension or obstruction.

5. OPERATING INSTRUCTIONS

To charge your NACS-compatible electric vehicle:

1. **Connect to Vehicle:** Open your vehicle's charging port and firmly insert the NACS connector from the Ampure Go 2 charger. Ensure a secure connection.
2. **Initiate Charging:** Once connected, the charger will automatically begin the charging process. The indicator light on the charging unit will change to reflect the charging status (e.g., solid blue or green).
3. **Monitor Charging:** You can monitor the charging progress through your vehicle's display or mobile application.
4. **Stop Charging:** To stop charging, unlock your vehicle's charging port (if applicable) and gently pull the NACS connector out of the vehicle. Then, unplug the charger from the wall outlet.

The Ampure Go 2 is designed for direct NACS compatibility, eliminating the need for additional adapters for Tesla and other NACS-equipped EVs.

We power the vehicles that power you.

Charge any Tesla or NACS compatible vehicle, anywhere you go.



NACS Connector

(North American Charging Standard)

Compatible with all NACS vehicles.

✓ Model Y ✓ Model X ✓ Model 3 ✓ Model S ✓ Cybertruck

Works with **ALL** other EVs with **NACS** style couplers.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your charger:

- **Cleaning:** Disconnect the charger from both the power source and the vehicle before cleaning. Use a soft, dry cloth to wipe the charging unit and cables. Do not use harsh chemicals or abrasive cleaners.
- **Cable Care:** Avoid kinking, twisting, or driving over the charging cable. Store the cable neatly when not in use to prevent damage.
- **Storage:** When not in use, store the charger in its carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the charging unit, cables, and connectors for any signs of wear, damage, or corrosion. If any damage is found, discontinue use and contact customer support.

7. TROUBLESHOOTING

If you encounter issues with your Ampure Go 2 charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not powering on	No power from outlet; loose connection; damaged unit.	Check the power outlet with another device. Ensure the adapter is securely connected to the charger and the outlet. If still no power, contact support.
Vehicle not charging	Loose connection to vehicle; vehicle charging schedule; charger fault.	Ensure the NACS connector is fully inserted into the vehicle's charging port. Check your vehicle's charging settings. If the charger indicates an error, refer to its indicator light pattern (if available) or contact support.
Slow charging speed	Using 120V adapter; vehicle limitations; power supply issues.	Ensure you are using the 240V NEMA 14-50 adapter for Level 2 charging. Verify the electrical circuit can provide sufficient power.
Overheating	Poor ventilation; prolonged use in high temperatures.	Ensure the charger has adequate airflow. The unit has built-in overheat protection and will automatically reduce power or shut down if necessary. Allow it to cool before resuming use.

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

8. SPECIFICATIONS

Feature	Specification
Model Number	AMGO1

Feature	Specification
Input Voltage	120V / 240V AC
Output Current	Up to 32A
Charging Level	Level 1 (120V) / Level 2 (240V)
Connector Type	NACS (North American Charging Standard)
Power Plug	NEMA 14-50 (for 240V), Standard 120V plug (for 120V)
Cable Length	20 feet
Product Dimensions	13 x 13 x 4 inches
Item Weight	8.03 pounds
Certifications	UL, ENERGY STAR, IP67
Environmental Rating	IP67 Waterproof, NEMA 3S-rated
Manufacturer	Ampure Charging Systems Inc.

9. WARRANTY AND SUPPORT

The Ampure Go 2 Portable EV Charger comes with a 3-year product protection. For warranty claims, technical support, or any inquiries regarding your product, please contact Ampure Charging Systems Inc. customer service. You can find more information and support resources by visiting the official Ampure store [AMPURE Store on Amazon](#).