

[Manuals.plus](#) /

- › [Schumacher Electric](#) /
- › Schumacher Electric 0.8A Car Battery Charger and Maintainer User Manual

Schumacher Electric SC1299

Schumacher Electric 0.8A Car Battery Charger and Maintainer User Manual

Model: SC1299 | Brand: Schumacher Electric

INTRODUCTION

This user manual provides essential information for the safe and effective operation of your Schumacher Electric SC1299 0.8A Car Battery Charger and Maintainer. This 2-in-1 device is designed to charge and maintain 12V batteries, making it ideal for power sport, automotive, and marine applications. It features multi-stage charging and reverse polarity protection for optimal battery health and safety.



Image: The Schumacher Electric SC1299 0.8A Car Battery Charger and Maintainer, showing its compact design and attached battery clamps.

SAFETY INFORMATION

Always read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the charger is disconnected from the AC outlet before making or breaking connections to the battery.
- Connect the positive (red) clamp to the positive (+) battery terminal and the negative (black) clamp to the vehicle chassis away from the battery.
- Do not charge frozen batteries.
- Use in a well-ventilated area.

- Keep out of reach of children.
- Avoid sparks or flames near the battery.
- This charger is designed for 12V lead-acid batteries (Standard, AGM, Gel). Do not use for other battery types.

PACKAGE CONTENTS

Verify that all items are present in your package:

- (1) Schumacher Electric SC1299 Fully Automatic Battery Charger and Maintainer
- (1) Quick-connect battery clamps
- (1) User manual

SETUP

Follow these steps to set up your battery charger and maintainer:

1. Ensure the charger is unplugged from the AC outlet.
2. Connect the battery clamps to the quick-connect harness on the charger.
3. For a battery installed in a vehicle:
 - Connect the positive (red) clamp to the positive (+) battery terminal.
 - Connect the negative (black) clamp to the vehicle chassis, away from the battery and fuel lines.
4. For a battery removed from a vehicle:
 - Connect the positive (red) clamp to the positive (+) battery terminal.
 - Connect the negative (black) clamp to the negative (-) battery terminal.
5. Plug the charger into a standard 120V AC wall outlet.



QUICK START GUIDE

- **Connect the Battery Clamps to the Quick-Connect Harness**
- **Connect the Clamps to the Battery**
- **Plug The Charger into a 120V AC Outlet**
- **The LED Will Glow Green When Charging**

Refer to the user manual for detailed instructions.

Image: Quick Start Guide showing the connection steps for the battery charger.



Image: The Schumacher SC1299 charger plugged into a standard wall outlet.

OPERATING INSTRUCTIONS

The SC1299 is a fully automatic charger and maintainer. Once connected and plugged in, it will automatically begin charging and switch to maintenance mode when the battery is full.

LED Indicator Status:

- **Power - Pulsing Green:** Indicates the unit is powered on and actively charging the battery.
- **Charging - Solid Green:** Indicates the battery is fully charged and the unit is now in maintenance (float) mode.
- **LED is Off:** The unit is not powered or not connected correctly.
- **Reversed Clamps - Solid Red:** Indicates that the battery clamps are connected in reverse polarity. Disconnect immediately and re-connect correctly.



Image: Diagram of the Schumacher SC1299 showing the charging status LED indicator, color-coded quick-connect metal clamps, 2-prong plug, and 120V AC cord with 11-foot reach.

Charging a Battery:

1. Turn off all vehicle accessories and connect the battery clamps to the quick-connect cable as described in the Setup section.
2. Plug the charger into a 120V AC outlet. The green LED will pulse, indicating active charging.
3. When fully charged, the LED will change to solid green, and the charger will shift to maintenance mode.
4. To disconnect, unplug the charger from the AC outlet first, then remove the clamps in reverse order of connection (negative first, then positive).



Image: The Schumacher SC1299 connected to a car battery under the hood, illustrating the charging process.

MAINTENANCE

The SC1299 is designed to maintain your battery's charge over extended periods, preventing sulfation and extending battery life. No specific maintenance is required for the charger itself beyond keeping it clean and dry.

- Regularly check battery fluid levels for flooded lead-acid batteries (if applicable) and top up with distilled water as needed.
- Keep battery terminals clean and free of corrosion.
- Store the charger in a cool, dry place when not in use.

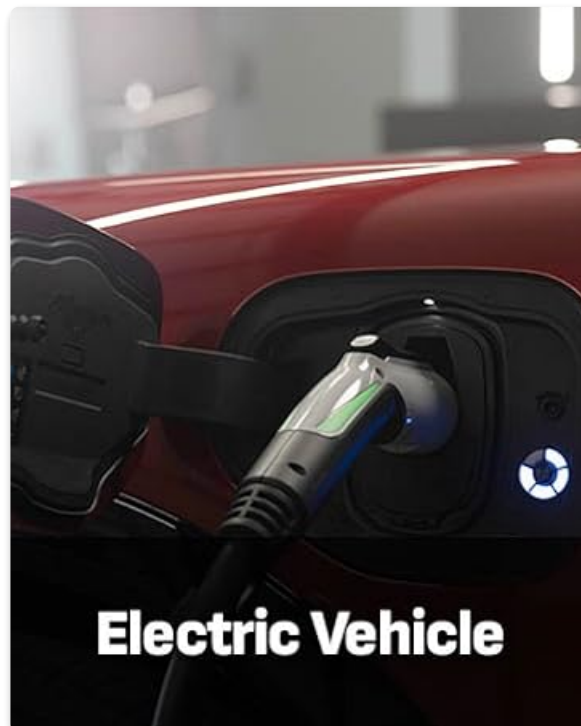


Image: The Schumacher SC1299 connected to a battery in a garage, demonstrating its use for long-term maintenance.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|-----------------------|--|---|
| LED indicator is off. | No power to the charger or incorrect connection. | Ensure the charger is securely plugged into a live AC outlet. Check battery connections for proper polarity and secure contact. |
| Solid Red LED. | Reverse polarity connection. | Immediately unplug the charger from the AC outlet. Disconnect clamps and re-connect with correct polarity (red to positive, black to negative/chassis). |
| Battery not charging. | Battery is severely discharged, faulty, or incorrect battery type. | Verify battery voltage. If extremely low, it may not accept a charge. Check if the battery is damaged. Ensure it is a 12V lead-acid battery. |

SPECIFICATIONS

Model: SC1299

Input Voltage: 120V AC

Output Voltage: 12 Volts (DC)

Charge Rate: 0.8 Amps

Compatible Battery Types: Standard, AGM, and Gel 12V batteries

Dimensions: 2.88 x 3.13 x 8.63 inches

Item Weight: 11.2 ounces

Cable Length: 11-foot booster cables

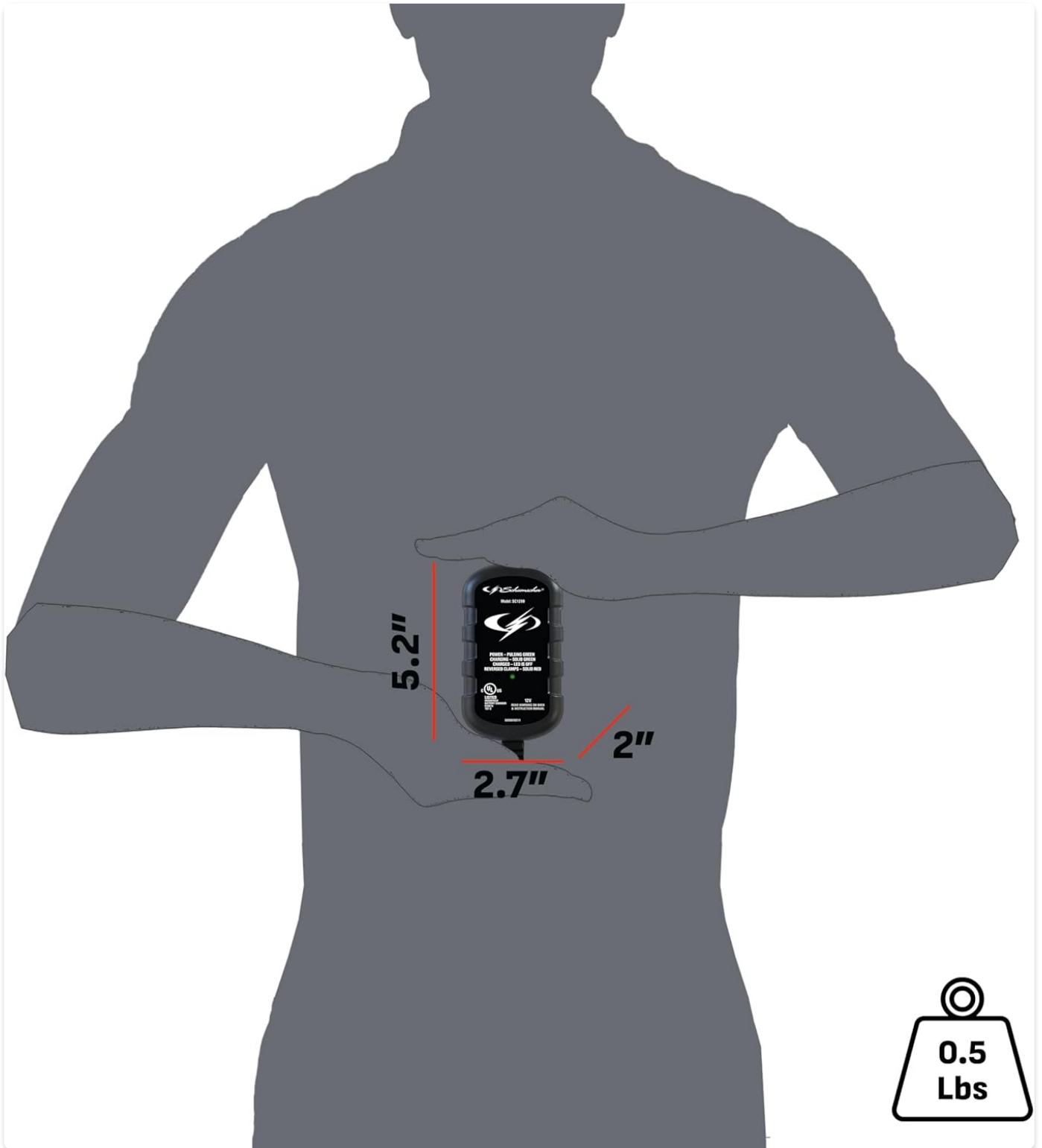


Image: Diagram illustrating the compact dimensions of the Schumacher SC1299 charger.

COMPATIBLE BATTERY TYPE

Standard, AGM
and Gel



Image: The Schumacher SC1299 with text indicating compatibility with Standard, AGM, and Gel battery types.

WARRANTY AND SUPPORT

Schumacher Electric products are built to high-quality standards. For warranty information or technical support, please refer to the official Schumacher Electric website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Online Support: www.schumacherelectric.com