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10L0L JR1-H235A-00

10L0L Golf Cart Battery Charger DC Plug Instruction Manual

Model: JR1-H235A-00

1. PRODUCT OVERVIEW

This document provides instructions for the 10L0L 48-volt DC charger plug, designed for use with Yamaha G19 and G22 golf cart MAC chargers. This plug serves as a replacement or component for your golf cart charging system.



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Figure 1: Assembled 10L0L 48-volt DC charger plug.



Figure 2: Rear view of the assembled 10L0L 48-volt DC charger plug.

2. SAFETY INFORMATION

Always prioritize safety when working with electrical components. Failure to follow these safety guidelines may result in electric shock, injury, or damage to equipment.

- Ensure the golf cart and charger are powered off and disconnected from any power source before installation or maintenance.
- Wear appropriate personal protective equipment, such as insulated gloves and safety glasses.
- Do not attempt to modify the plug or use it for purposes other than its intended design.
- Keep the plug and all electrical connections dry and free from moisture.
- If you are unsure about any step of the installation process, consult a qualified technician.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x 48-volt DC charger plug housing (two halves)
- 2x Metal pins (for electrical connection)
- 5x Screws (for securing the housing)
- 5x Nuts (for securing the screws)



Figure 3: Disassembled plug components, including housing and pins.



Figure 4: Close-up of the metal pins.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the DC charger plug. The wire is not included with this plug and must be sourced separately. Proper wire gauge and connection methods are critical for safe and efficient operation.

1. **Prepare the Wire:** Ensure you have a suitable 48-volt charger cable. Strip the insulation from the ends of the positive and negative wires to expose enough copper for crimping or soldering to the metal pins.
2. **Connect Wires to Pins:** Securely attach the positive wire to one metal pin and the negative wire to the other metal pin. This typically involves crimping or soldering. Ensure a strong, reliable electrical connection.
3. **Insert Pins into Housing:** Carefully insert the connected pins into the designated slots within one half of the plug housing. Observe the polarity markings (+ and -) if present on the housing to ensure correct orientation.
4. **Assemble Housing:** Align the second half of the plug housing over the first half, ensuring the pins and wires are properly seated and not pinched.
5. **Secure Housing:** Insert the provided screws through the designated holes in the housing and secure them with the nuts. Tighten the screws firmly but do not overtighten, which could damage the plastic.
6. **Verify Connection:** After assembly, visually inspect all connections for proper seating and ensure no bare wires are exposed.

The following video demonstrates the assembly process:

Your browser does not support the video tag.
Video 1: Assembly of the 10L0L Golf Cart Battery Charger DC Plug.

5. OPERATING INSTRUCTIONS

Once the DC charger plug is correctly installed on your charger cable, follow these steps for operation:

1. **Connect to Golf Cart:** Insert the assembled DC charger plug firmly into the charging port of your Yamaha G19 or G22 golf cart. Ensure a snug fit.

2. **Connect Charger to Power:** Plug your golf cart charger into a suitable electrical outlet.
3. **Monitor Charging:** Observe the charger's indicator lights or display to confirm that charging has begun.
4. **Disconnect After Charging:** Once the golf cart batteries are fully charged, first unplug the charger from the electrical outlet, then carefully remove the DC charger plug from the golf cart's charging port.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of your DC charger plug:

- **Keep Clean:** Periodically inspect the plug for dirt, debris, or corrosion. Clean with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Inspect for Damage:** Check the plug housing and pins for any signs of cracks, bends, or other damage. Replace the plug if any damage is observed.
- **Store Properly:** When not in use, store the charger and plug in a dry, clean environment, away from extreme temperatures and direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your DC charger plug, consider the following:

Problem	Possible Cause	Solution
Charger not working / No power	Loose connection; Damaged plug; Incorrect wiring	Ensure plug is fully inserted. Inspect plug for damage and wiring for correct polarity and secure connections.
Plug feels hot during charging	Loose connection; Overload; Damaged wiring	Disconnect immediately. Check for loose connections or damaged wires. Ensure the charger and golf cart are compatible.
Difficulty inserting/removing plug	Debris in port; Misalignment; Damaged plug/port	Check for obstructions in the charging port. Ensure correct orientation. Inspect plug and port for physical damage.

8. SPECIFICATIONS

- **Product Type:** Golf Cart Battery Charger DC Plug
- **Voltage:** 48 Volts (DC)
- **Connector Type:** 2-Pin
- **Compatibility:** Yamaha G19, Yamaha G22 golf cart MAC chargers
- **OEM Reference Part Numbers:** JR1-H235A-00, MAC-M1409-80, MAC-M14098, CGR-234P EC, 619 IMC, LV25 LV, 9101 BU
- **Color:** Black
- **Item Weight:** 3.84 ounces
- **Package Dimensions:** 6.46 x 2.09 x 1.77 inches
- **Wattage:** 720 watts

- **Output Current:** 15 Amps

9. WARRANTY INFORMATION

Specific warranty details for this product may vary. Please refer to the product packaging or the manufacturer's official website for the most accurate and up-to-date warranty information. Keep your purchase receipt as proof of purchase for any warranty claims.

10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding replacement parts, please contact 10L0L customer support. Contact information can typically be found on the product packaging or the official 10L0L website.

Website: [10L0L Store on Amazon](#)

