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- › [RoyPow](#) /
- › [RoyPow AC Power Cable for LiFePO4 Battery Chargers \(Model AC-2099\)](#)

## RoyPow AC-2099

# RoyPow AC Power Cable Instruction Manual

Model: AC-2099

## INTRODUCTION

This manual provides essential information for the safe and effective use of your RoyPow AC Power Cable, Model AC-2099. This 9.2-foot AC power cord is designed for use with various RoyPow LiFePO4 Battery Chargers, including 48V 22A, 58V 22A, 58V 50A, 87V 14A, and 29V 50A models.

The cable features UL94 V-0 Grade 14AWG high-quality wiring, ensuring durability and reliable power delivery. Please note that this product is the AC power cable only and does not include the LiFePO4 battery charger adapter.



Image: RoyPow AC Power Cable connected to a compatible charger. The image clarifies that the charger itself is not part of this product package.

### **IMPORTANT COMPATIBILITY NOTE**

Ensure the female end of this AC power cable matches your charger's input. This cable features a horizontal slot configuration. Using an incompatible cable may result in improper connection or damage.

## Note:

The end of our AC Power Cable is a horizontal slots in the female.

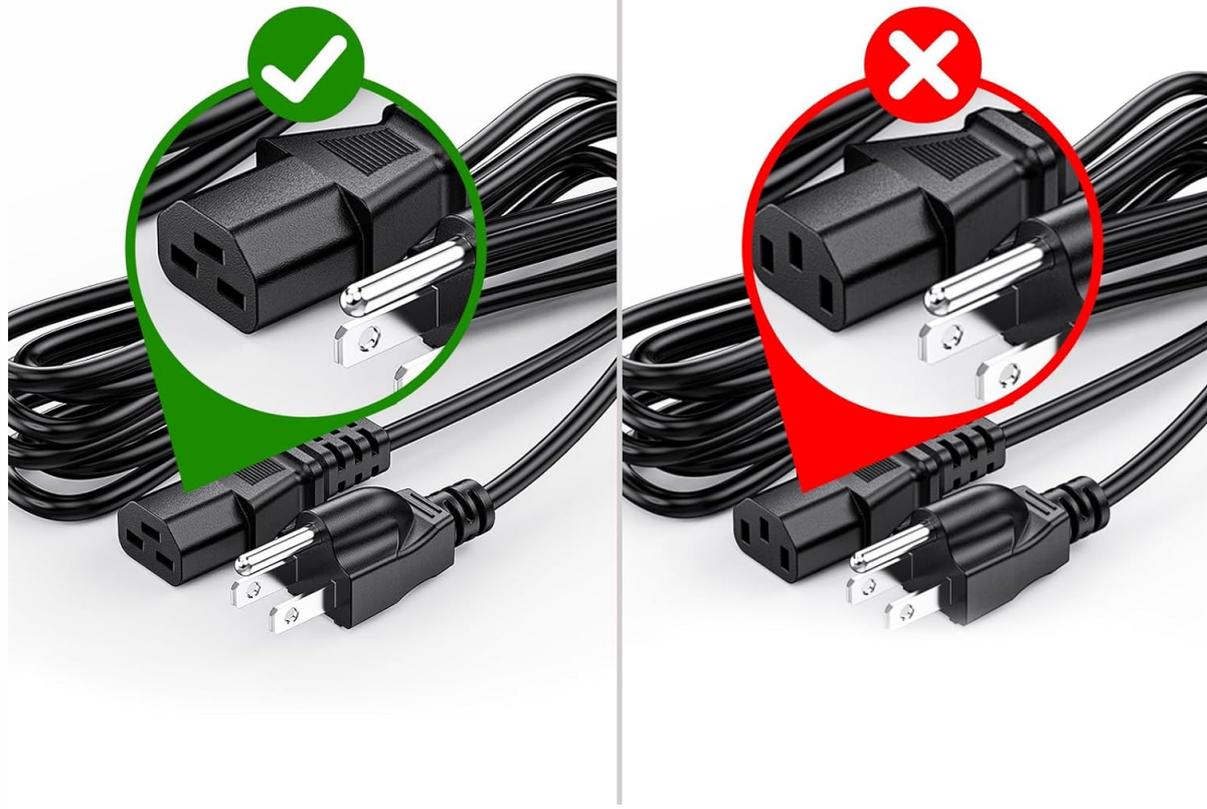


Image: A visual guide illustrating the correct horizontal slot configuration for the female end of the AC power cable, contrasting it with an incompatible vertical slot type.

## SETUP

1. **Inspect the Cable:** Before each use, visually inspect the AC power cable for any signs of damage, cuts, fraying, or exposed wires. Do not use if damaged.
2. **Verify Compatibility:** Ensure the charger's AC input port is compatible with the horizontal slot female connector of this cable.
3. **Connect to Charger:** Firmly insert the female end of the AC power cable into the corresponding AC input port on your RoyPow LiFePO4 battery charger.
4. **Connect to Power Outlet:** Plug the male end of the AC power cable into a standard, grounded electrical outlet (125 Volts, 15 Amps maximum).

## OPERATING INSTRUCTIONS

Once the cable is securely connected to both the charger and a power outlet, the charger should begin its operation as per its own instruction manual. This AC power cable is designed to provide a stable and reliable power connection.

- Ensure the charger is placed on a stable, non-flammable surface.
- Keep the cable away from water, heat sources, and sharp edges.
- Do not cover the charger or cable during operation to allow for proper ventilation.

## Relevant Product Video: EXEFCH Golf Cart Lead-acid Battery Charger Usage

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Video: This video demonstrates the connection and usage of a golf cart battery charger, including plugging in the AC power cable to a wall outlet and to the charger. It illustrates the typical setup for a compatible charger.

## Relevant Product Video: KAISAL 48V/58.4V 18A Lithium Battery Charger Overview

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Video: This video provides an overview of a lithium battery charger, showcasing its various components and cables, including the AC input cable. It helps visualize the charger type this power cable is designed for.

## MAINTENANCE

- **Cleaning:** Disconnect the cable from both the power source and the charger before cleaning. Wipe the cable with a dry, soft cloth. Do not use liquid cleaners.
- **Storage:** When not in use, coil the cable loosely and store it in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid sharp bends or kinks.
- **Regular Inspection:** Periodically check the cable for any signs of wear, damage, or discoloration. Replace the cable immediately if any damage is observed.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not receiving power.	Cable not fully plugged in; power outlet issue; damaged cable.	Ensure both ends of the cable are securely plugged in. Test the power outlet with another device. Inspect the cable for damage and replace if necessary.
Cable feels hot during use.	Overload; poor connection; internal cable damage.	Immediately disconnect the cable. Ensure the charger's power requirements do not exceed the cable's rating (15 Amps, 1875 Watts). Replace the cable if it continues to overheat.
Loose connection.	Incompatible connector; worn out port/cable.	Verify the charger's port type matches the cable's horizontal slot. If the connection remains loose, consider replacing the cable or checking the charger's port for wear.

## SPECIFICATIONS

- **Model:** AC-2099
- **Cable Length:** 9.2 Feet
- **Wire Gauge:** 14AWG
- **Voltage Rating:** 125 Volts

- **Current Rating:** 15 Amps
- **Maximum Wattage:** 1875 Watts
- **Connector Type (Male):** NEMA 5-15P (Standard North American 3-prong power plug)
- **Connector Type (Female):** IEC-60320-C19 (Horizontal Slots)
- **Material:** UL94 V-0 Grade PVC 35P (SJT - Stranded Junior Thermoplastic)
- **Weight:** 396g / 0.87lb
- **Package Dimensions:** L9.5 × W5.5 × H32.5 cm (3.74 x 2.17 x 12.8 inch)

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation provided with your RoyPow LiFePO4 battery charger or visit the official RoyPow website. Keep your purchase receipt for warranty claims.

**Manufacturer:** RoyPow

**Date First Available:** October 8, 2023