



Manuals.plus /

› LotFancy /

› LotFancy 12V Battery Charger (Model SL12-12-03E) Instruction Manual

LotFancy SL12-12-03E

LotFancy 12V Battery Charger Instruction Manual

Model: SL12-12-03E

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your LotFancy 12V Battery Charger, Model SL12-12-03E. This charger is specifically designed for 12-volt lead-acid batteries found in children's ride-on toys. Please read these instructions carefully before use and retain them for future reference.



Image 1.1: The LotFancy 12V Battery Charger, showing the main unit and the B-type connector cable.

2. SAFETY INFORMATION

Your safety is paramount. This charger is UL Listed and BC certified, meeting high safety standards. It incorporates multiple protection features to ensure safe operation.

- **UL Listed and BC Certified:** Ensures compliance with recognized safety standards.
- **Over Voltage Output Protection:** Prevents damage from excessive voltage.
- **Over Current Output Protection:** Safeguards against excessive current flow.
- **Short Circuit Output Protection:** Protects the charger and battery from short-circuit conditions.

Important Safety Warnings:

- **DO NOT** use this charger for 6V ride-on toys. It is exclusively for 12V lead-acid batteries.
- Ensure the charger is connected to a compatible power outlet (AC 100-120V, 50/60Hz).
- Keep the charger and battery away from water and moisture.
- Do not attempt to open or modify the charger. Refer all servicing to qualified personnel.
- Always supervise children when charging their ride-on toys.
- Disconnect the charger from the power outlet when not in use or before cleaning.

UL Approved

UL 94-V0 Shell Fire Rating

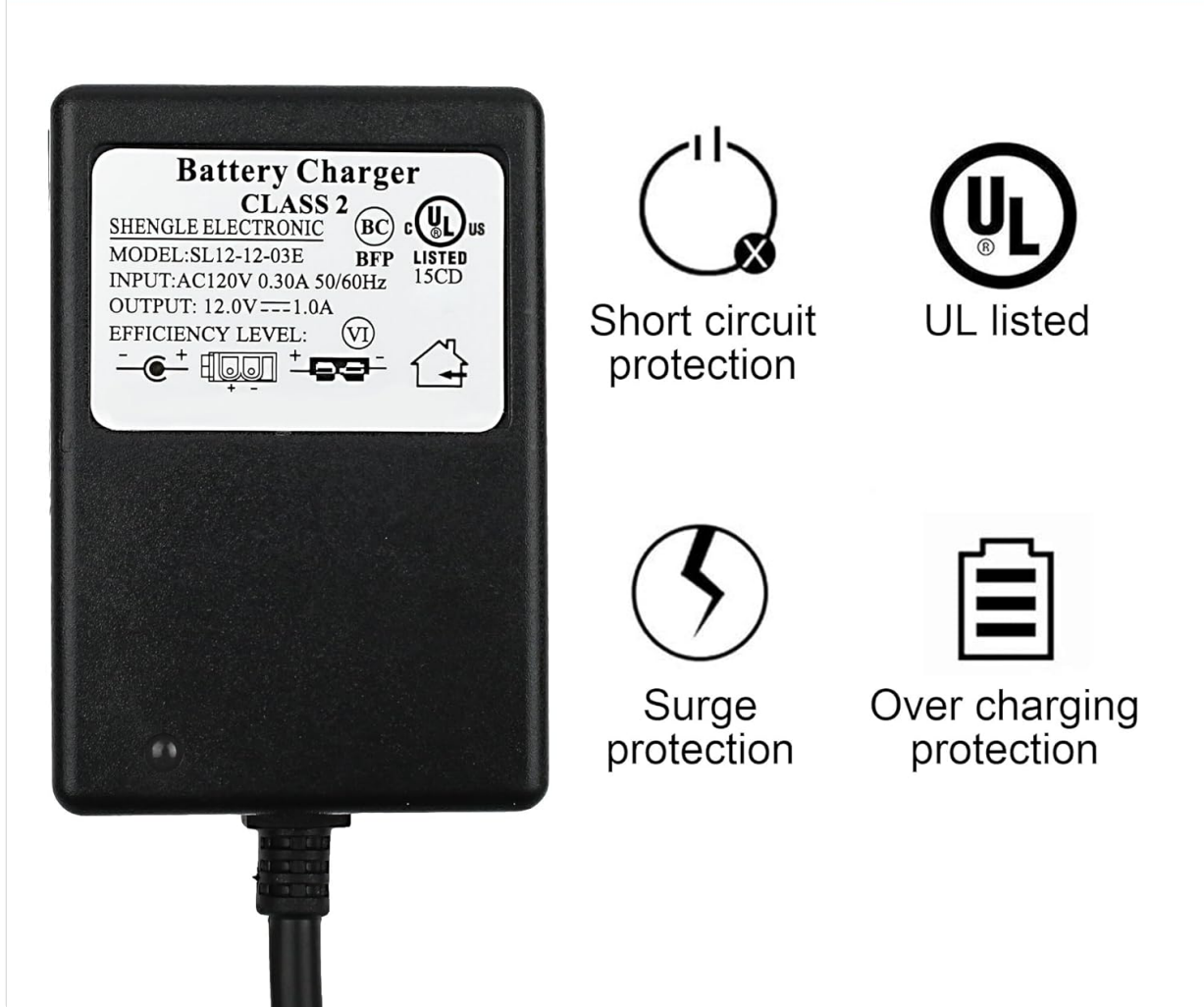


Image 2.1: Visual representation of the charger's safety features, including UL listing, short circuit protection, surge protection, and overcharging protection.

3. SETUP

Before connecting the charger, ensure that the ride-on toy's battery is a 12V lead-acid type and that the charging port matches the B-type connector of this charger.

1. **Inspect the Charger:** Check the charger unit and cable for any signs of damage. Do not use if damaged.
2. **Locate the Charging Port:** Identify the charging port on your child's 12V ride-on toy.
3. **Connect the Charger:** Insert the B-type connector of the charger firmly into the ride-on toy's charging port.
4. **Plug into Power Outlet:** Plug the charger's AC plug into a standard AC 100-120V wall outlet.



Image 3.1: A close-up view of the LotFancy charger and its B-type connector, highlighting the connection interface.

4. OPERATING INSTRUCTIONS (CHARGING PROCESS)

The LotFancy 12V Battery Charger features an indication light to show the charging status.

1. **Initiate Charging:** Once the charger is connected to the ride-on toy and plugged into a power outlet, the charging process begins automatically.
2. **Monitor Indication Light:**
 - A **RED** light indicates that the battery is currently charging.
 - A **GREEN** light indicates that the battery is fully charged.
3. **Disconnect After Charging:** Once the light turns green, the battery is fully charged. Disconnect the charger from the wall outlet first, then from the ride-on toy.



Image 4.1: The charger's indication light, showing both the red (charging) and green (charged) states.

5. COMPATIBILITY

This 12V battery charger is compatible with various 12-volt electric ride-on toys that utilize a B-type charging connector. Please verify your toy's voltage and connector type before purchase and use.

Known Compatible Models Include:

- Yamaha Raptor 700R
- Toyota FJ Cruiser
- MegaTredz 12V Ride-On Toys
- Motion Trendz 12V Ride-On Toys

Note: This charger is NOT compatible with 6V ride-on toys.



Image 5.1: Information graphic detailing compatible ride-on toy brands and the specific B-type connector.



Image 5.2: The charger displayed alongside images of a Yamaha Raptor 700R and a Toyota FJ Cruiser ride-on toy, illustrating compatibility.

6. MAINTENANCE

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

- **Cleaning:** Wipe the charger with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. Keep it out of reach of children.
- **Cable Care:** Avoid bending or crimping the cable excessively. Do not wrap the cable tightly around the charger.
- **Regular Inspection:** Periodically check the charger, cable, and connector for any signs of wear, cuts, or damage. Discontinue use if damage is found.

7. TROUBLESHOOTING

If you encounter issues with your LotFancy 12V Battery Charger, refer to the following common problems and solutions:

- **Charger Indication Light Not On:**

- Ensure the charger is securely plugged into a working wall outlet.
- Verify the charger's connector is fully inserted into the ride-on toy's charging port.
- Check if the wall outlet is functional by plugging in another device.

- **Battery Not Charging (Light Remains Red for Extended Period or Never Turns Green):**

- Confirm the ride-on toy uses a 12V lead-acid battery. This charger is not for other battery types or voltages.
- The battery may be deeply discharged. Allow more time for charging.
- The battery may be faulty and no longer able to hold a charge. Consider testing or replacing the battery.
- Inspect the charger cable and connector for damage.

- **Charger Feels Warm During Use:**

- It is normal for the charger to become warm during operation. However, if it becomes excessively hot or emits smoke/unusual odors, immediately unplug it and discontinue use.

If these steps do not resolve the issue, please contact LotFancy customer support.

8. SPECIFICATIONS

Feature	Specification
Model	SL12-12-03E
Input	AC 100-120V, 0.3A, 50/60Hz
Output	DC 12V, 1.0A
Connector Type	B-type Plug
Cable Length	6FT (approximately 1.8 meters)
Certifications	UL Listed, BC Certified, EFFICIENCY VI
Protection Features	Over Voltage, Over Current, Short Circuit Protection



Image 8.1: The charger cable illustrating its 6-foot length.

9. SUPPORT

For any questions, concerns, or assistance with your LotFancy 12V Battery Charger, please contact LotFancy customer support. We are committed to providing timely and helpful responses.

You can typically find contact information on the LotFancy official website or through the retailer where you purchased the product.