

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

› [ARKABAKA](#) /

› ARKABAKA 24V Charger for Ride-On Toys (Model LKC-240050E) User Manual

## ARKABAKA LKC-240050E

# ARKABAKA 24V Charger for Ride-On Toys (Model LKC-240050E) User Manual

*Comprehensive instructions for safe and effective use.*

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your ARKABAKA 24V Charger, Model LKC-240050E. Please read these instructions thoroughly before using the product to ensure proper function and longevity.

## 2. SAFETY INSTRUCTIONS

- **Compatibility:** This charger is specifically designed for **24V lead-acid batteries only** used in ride-on toys. It is not compatible with other battery types (e.g., lithium-ion) or electric scooters. Using it with incompatible devices may cause damage or safety hazards.
- **Environment:** Do not use the charger in extreme heat, wet conditions, or near flammable materials. Ensure adequate ventilation during use.
- **Connection Sequence:** Always connect the charger to the battery first, then plug the charger into a power outlet. When disconnecting, unplug from the power outlet first, then disconnect from the battery.
- **Polarity and Connector:** Verify that the connector type (5.5mm x 2.1mm barrel connector, center positive) and polarity match your device's requirements before use. Incorrect connection can damage the battery or charger.
- **Overcharging Prevention:** Once the battery is fully charged (indicated by a green light), disconnect the charger from the power source immediately to prevent overcharging, which can reduce battery life.
- **Supervision:** Keep the charger out of reach of children. Adult supervision is recommended when charging children's ride-on toys.
- **Damage:** Do not use the charger if the cord, plug, or casing is damaged. Contact customer support for assistance.

## 3. PRODUCT OVERVIEW

The ARKABAKA 24V Charger (Model LKC-240050E) is a reliable power supply designed for 24V lead-acid battery ride-on toys. It features a clear LED indicator for charging status and a standard barrel connector.



**Image 3.1:** The ARKABAKA 24V Charger, showing the main unit with an integrated power cord and a barrel connector. A green LED light is visible on the charger unit, indicating its status.

### LED Indicator Status:

- **Red Light:** Indicates that the battery is currently charging.
- **Green Light:** Indicates that the battery is fully charged or that the charger is not connected to a battery.

# Charging

# Charged



**Image 3.2:** Two ARKABAKA 24V Chargers side-by-side. The left charger displays a red LED, signifying "Charging," while the right charger displays a green LED, signifying "Charged."

### Connector Type:

The charger uses a common 5.5mm x 2.1mm barrel connector with a center-positive configuration. It is crucial to confirm that your device's charging port matches these dimensions and polarity.

# Diameter:

5.5mm \* 2.1mm ( 0.217 in \* 0.0827 in )

Tips: Specifically designed for 24V charger ride-on toys car with standard lead-acid batteries (not for scooters or lithium-based vehicles).



**Image 3.3:** A close-up diagram illustrating the dimensions of the barrel connector, specifically 5.5mm outer diameter and 2.1mm inner diameter. Text confirms its specific design for 24V ride-on toy chargers with standard lead-acid batteries.


## 4. SPECIFICATIONS


Feature	Detail
Model Number	LKC-240050E
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	24V DC
Output Current	0.5A
Wattage	12 Watts
Connector Type	5.5mm x 2.1mm Barrel Connector (Center Positive)
Compatibility	24V Lead-Acid Batteries for Ride-On Toys
Special Feature	LED Charging Indicator

Feature	Detail
Package Dimensions	3.5 x 2.72 x 2.24 inches
Item Weight	4.2 ounces


## 5. SETUP AND COMPATIBILITY


Before connecting the charger, ensure your ride-on toy uses a 24V lead-acid battery and has a compatible charging port (5.5mm x 2.1mm barrel connector, center positive).





Specially designed  
for 24V charger ride-on toys cars  
with standard lead-acid batteries.





Not compatible  
with other battery types  
or electric scooters.

**Image 5.1:** A visual guide demonstrating product compatibility. On the left, several images of 24V ride-on cars are shown with a green checkmark, indicating compatibility. On the right, images of a go-kart, an electric scooter, and a hoverboard are shown with a red 'X', indicating incompatibility. This charger is specifically designed for 24V ride-on toys with standard lead-acid batteries and is not suitable for other battery types or electric scooters.

## 6. OPERATING INSTRUCTIONS

- 1. Connect to Battery:** Insert the barrel connector of the charger into the charging port of your 24V

ride-on toy.

2. **Plug into Power:** Plug the charger's AC plug into a standard 100-240V wall outlet.
3. **Monitor Charging:** The LED indicator on the charger will illuminate **red**, signifying that charging is in progress.
4. **Full Charge Indication:** Once the battery is fully charged, the LED indicator will turn **green**.
5. **Disconnect:** Immediately unplug the charger from the wall outlet, then disconnect the barrel connector from the ride-on toy. This prevents overcharging and prolongs battery life.

## 7. MAINTENANCE

- **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 moisture when not in use.
- **Cable Care:** Avoid bending or kinking the power cord excessively. Do not place heavy objects on the cord.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger LED remains green when connected to battery.	Battery is already fully charged, or charger is not making proper contact.	Verify the battery's charge level. Ensure the connector is firmly seated in the charging port. Check if the battery itself is faulty.
Charger LED does not light up.	No power from the outlet, faulty charger, or damaged cable.	Test the outlet with another device. Inspect the charger cable and unit for visible damage. If damaged, discontinue use and replace.
Battery does not charge or charges slowly.	Battery issue, incorrect charger, or charger malfunction.	Ensure the charger is compatible with your battery (24V lead-acid). Check the battery's health; it might need replacement. Contact customer support if the charger is suspected to be faulty.

## 9. CUSTOMER SUPPORT

For further assistance or inquiries regarding your ARKABAKA 24V Charger, please refer to the seller's contact information on the purchase platform or visit the official ARKABAKA store page.

[Visit the ARKABAKA Store on Amazon](#)