

VitalKos 28.8V 0.5A set

VitalKos 24V Battery Charger with Battery Connection Line for Kids Ride On Toys (28.8V 0.5A Set) Instruction Manual

Model: 28.8V 0.5A set

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your VitalKos 24V Battery Charger (28.8V 0.5A Set). Please read this manual thoroughly before operating the charger to ensure proper function and safety. This charger is designed for 24V kids ride-on toys.

2. SAFETY INFORMATION

- Always ensure the charger's voltage and current match the battery specifications of your ride-on toy. This charger is specifically for 28.8V 0.5A output.
- Use the charger in a dry, well-ventilated area. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to charge non-rechargeable batteries.
- Keep out of reach of children. This is not a toy.
- Inspect the charger, cable, and connectors for any damage before each use. Do not use if damaged.
- Unplug the charger from the power outlet before disconnecting it from the toy battery.
- If the charger becomes excessively hot during use, disconnect it immediately and contact support.

3. PRODUCT OVERVIEW

The VitalKos 24V Battery Charger is a Class 2 Power Unit designed to safely charge 24V batteries found in various kids' ride-on toys. It features a durable casing, a long connection cable, and an LED indicator for charging status.



Image 1: VitalKos 24V Battery Charger. This image displays the black charger unit with its specifications label, a green LED indicator, and the attached power cord with a barrel plug connector. A separate battery connection line with red and black wires and a switch is also shown.

Key Features:

- **Model:** LKC-288050-E
- **Input:** 100-240VAC, 50-60Hz, 0.36A
- **Output:** 28.8VDC, 0.5A (500mA)
- **Cable Length:** Approximately 1.8 meters (6 feet)
- **Connector Size:** Inner Diameter 2.1mm, Outer Diameter 5.5mm (Barrel Plug)
- **Safety Certifications:** ETL certified, conforms to UL STD.1310, certified to CSA STD. C22.2 NO.223

4. SETUP INSTRUCTIONS

Follow these steps to properly set up and connect your battery charger:

1. **Verify Battery Compatibility:** Ensure your ride-on toy's battery requires a 28.8V 0.5A charger. Using an incompatible charger can damage the battery or toy.
2. **Locate Charging Port:** Identify the charging port on your kids' ride-on toy. This is typically a circular port.
3. **Connect to Toy:** Insert the barrel plug connector of the charger into the charging port of the ride-on toy. Ensure a snug fit.
4. **Plug into Power Outlet:** Plug the charger's AC adapter into a standard 100-240VAC wall outlet.

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Video 1: This video demonstrates the connection process of a battery charger to a kids' ride-on toy, highlighting the different charger types and the charging indicator light.

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Video 2: This video provides a step-by-step guide on how to use the charger, including matching the cable connector, connecting to the battery, and plugging into an AC outlet.

5. OPERATING INSTRUCTIONS

Once connected, the charger will automatically begin charging. Observe the LED indicator on the charger unit:

- **Red Light:** Indicates the battery is currently charging.
- **Green Light:** Indicates the battery is fully charged.

Typical charging time for a completely depleted battery is 8-12 hours. Avoid overcharging by disconnecting the charger once the green light appears.

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Video 3: This video illustrates the charging process for a toy car battery, showing the charger's indicator light changing from red (charging) to green (fully charged).

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Video 4: This video demonstrates the charger's indicator light behavior, showing a red light for charging and a green light for a completed charge.

6. MAINTENANCE

- Clean the charger and cables with a dry, soft cloth. Do not use liquid cleaners.
- Store the charger in a cool, dry place away from direct sunlight and moisture when not in use.
- Regularly check the cables and connectors for fraying, cuts, or bent pins.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger light does not turn on.	No power from outlet; charger or cable damaged; battery fully charged.	Check power outlet with another device. Inspect charger and cable for damage. If battery is fully charged, the light may remain off or green.

Problem	Possible Cause	Solution
Charger light remains red after extended charging.	Battery not accepting charge; faulty battery; charger malfunction.	Ensure proper connection. Test the battery if possible. If issues persist, contact customer support.
Charger gets hot during use.	Normal operation (slight warmth); excessive heat indicates a problem.	If excessively hot, disconnect immediately. Ensure adequate ventilation. Contact customer support if heat is extreme.

8. SPECIFICATIONS

- **Product Model:** LKC-288050-E
- **Input Voltage:** 100-240VAC
- **Input Frequency:** 50-60Hz
- **Input Current:** 0.36A
- **Output Voltage:** 28.8VDC
- **Output Current:** 0.5A (500mA)
- **Cable Length:** 1.8 meters (6 feet)
- **Connector Type:** Barrel Plug (Inner Diameter 2.1mm, Outer Diameter 5.5mm)
- **Product Dimensions:** 3.54 x 1.77 x 2.24 inches (L:6.8CM/2.68IN;W:4.5CM/1.77IN;H:3CM/1.18IN)
- **Item Weight:** 5.5 ounces
- **Certifications:** ETL, UL STD.1310, CSA STD. C22.2 NO.223
- **Manufacturer:** VitalKos (Changzhou Shengdan Electrical Equipment Co.,Ltd.)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact VitalKos customer service directly. Keep your purchase receipt for warranty claims.

For additional information or to explore other products, visit the official VitalKos store:[VitalKos Store on Amazon](#).

