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› 12V Charger for Kids Ride On Car, 12 Volt Battery Charger for Best Choice Products Wrangler SUV Kid Trax Dynacraft Electric Ride-Ons Accessories

SHENGLE LKC-120100-E

SHENGLE 12V Charger Instruction Manual

Model: LKC-120100-E

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your SHENGLE 12V Charger. This charger is designed for 12-volt kids' ride-on cars, offering a reliable and efficient charging solution. Please read this manual thoroughly before first use.



Figure 1: SHENGLE 12V Charger. This image shows the main unit of the charger with its attached power cord and barrel plug connector.

2. FEATURES

- Specifically designed as a replacement charger for 12 Volt Kids Powered Ride-Ons.
- Input: AC 100V-240V 50/60Hz; Output: 12Vdc 1000mA.
- Equipped with a 2.1mm * 5.5mm Center Positive Barrel Plug for broad compatibility.
- Features built-in Short Circuit, Over Voltage, and Current Protection for enhanced safety.
- Constructed with 24AWG power wire for durability and a long lifespan exceeding 10 years.
- Integrated LED display: Red indicates charging, Green indicates fully charged.

3. SETUP AND INITIAL USE

1. **Verify Compatibility:** Before connecting, ensure your ride-on car requires a 12V charger with a 2.1mm x 5.5mm center

positive barrel plug. Refer to your ride-on car's manual for specific charging port requirements.

2. **Connect to Ride-On Car:** Locate the charging port on your 12V ride-on car. Insert the barrel plug of the SHENGLE charger firmly into the charging port.
3. **Connect to Power Outlet:** Plug the charger's AC prongs into a standard 100V-240V wall outlet.
4. **Observe LED Indicator:** The LED indicator on the charger will illuminate.
 - A **RED** light indicates the battery is currently charging.
 - A **GREEN** light indicates the battery is fully charged.





Figure 2: Top view of the charger showing the LED indicator (left) and bottom view showing the AC prongs (right).

4. OPERATING INSTRUCTIONS

The SHENGLE 12V Charger operates automatically. Once connected to a power source and the ride-on car, it will begin charging. The charging time will vary depending on the battery's capacity and its current charge level. Always allow the battery to fully charge before disconnecting the charger for optimal battery life.

- Do not overcharge the battery. Disconnect the charger once the LED indicator turns green.
- Ensure the charger is used in a dry, well-ventilated area.
- Always unplug the charger from the wall outlet before disconnecting it from the ride-on car.

5. MAINTENANCE AND CARE

- **Cleaning:** Wipe the charger with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and moisture. Keep the cable neatly coiled to prevent damage.

- **Inspection:** Periodically inspect the charger and its cable for any signs of damage, such as frayed wires or cracked casing. If damage is observed, discontinue use immediately and replace the charger.



Figure 3: Proper storage of the charger with a coiled cable (left) and the charger with its cable fully extended (right).

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger LED does not light up.	No power from outlet; charger not properly plugged in; faulty charger.	Check wall outlet with another device. Ensure charger is fully plugged into both the wall and the ride-on car. If still no light, the charger may be faulty and require replacement.
LED is green but battery is not fully charged.	Battery issue; incorrect charger for battery type/voltage.	Verify the ride-on car's battery is functioning correctly. Confirm the battery is a 12V battery. If the issue persists, the battery may need replacement.
Charger plug does not fit the ride-on car.	Incompatible plug size.	This charger uses a 2.1mm x 5.5mm center positive barrel plug. Ensure your ride-on car's charging port matches this specification. If not, this charger is not compatible.
Charging is very slow or inconsistent.	Loose connection; battery degradation; charger issue.	Ensure all connections are secure. The battery in the ride-on car may be old or damaged and losing its capacity. If the battery is confirmed healthy, the charger may be underperforming and require replacement.

7. SPECIFICATIONS

Attribute	Value
Model	LKC-120100-E
Input Voltage	AC 100V-240V, 50/60Hz
Output Voltage	DC 12V
Output Current	1000mA (1A)
Connector Type	2.1mm x 5.5mm Center Positive Barrel Plug
Protection Features	Short Circuit, Over Voltage, Over Current Protection
LED Indicator	Red (Charging), Green (Fully Charged)
Cable Gauge	24AWG
Color	Black
Item Weight	4.2 ounces
Package Dimensions	3.6 x 2.5 x 2.4 inches



Figure 4: Close-up view of the charger's label, detailing input/output specifications and certifications.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding replacement parts, please contact the manufacturer directly. Retain your purchase receipt for warranty claims.

Manufacturer: SHENGLE ELE

Product Model: LKC-120100-E