

YUSTDA LKC-120100-E

YUSTDA AC Adapter Charger User Manual

Model: LKC-120100-E

Compatible with various ride-on vehicles including TY324114 Costway Truck Car Ride On SUV with RC Remote

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your YUSTDA AC Adapter Charger. Please read these instructions carefully before operating the device to ensure proper function and longevity.

2. SAFETY INFORMATION

Your YUSTDA AC Adapter Charger is designed with multiple safety features. Adhere to the following guidelines to prevent damage or injury:

- **Input Voltage:** Ensure the power outlet provides 100-240VAC, 50/60Hz.
- **Protection Features:** The adapter includes over current protection, total power protection, over voltage protection, and short circuit protection.
- **Environmental Conditions:** Do not expose the charger to water, moisture, or extreme temperatures. Use in a well-ventilated area.
- **Damage Inspection:** Regularly inspect the charger and its cable for any signs of damage. Do not use if damaged.
- **Certifications:** This product meets CE, FCC, and RoHS standards.

Safety Design with Multiple Protections



Image: Safety Design with Multiple Protections. The YUSTDA AC Adapter features comprehensive protection against over-temperature, over-voltage, over-current, and short circuits, ensuring safe operation.

3. PRODUCT OVERVIEW

The YUSTDA AC Adapter Charger is a reliable power supply designed for various 12V ride-on vehicles. It features a durable and compact design with a generous cable length for convenience.

- **Model:** LKC-120100-E (also identified as TNS30W-xy-z)
- **Input:** 100-240VAC, 50/60Hz, 0.3A
- **Output:** 12VDC, 1000mA
- **Power Cord Length:** Approximately 6.5 feet (2 meters)
- **Connector Type:** Barrel plug, center positive, with dimensions of approximately 0.08 inch (inner diameter) x 0.22 inch (outer diameter).



Image: YUSTDA AC Adapter Charger. A black AC adapter with a coiled power cord, showcasing its compact design and standard two-prong plug.

Durable & Compact Design



Image: Durable & Compact Design. This image highlights the charger's robust construction and small form factor, ideal for home or travel use.

4. SETUP AND OPERATING INSTRUCTIONS

Follow these steps to properly charge your ride-on vehicle:

1. **Locate Charging Port:** Identify the charging port on your ride-on vehicle. This is typically a circular port designed for a barrel connector.
2. **Connect Charger:** Insert the barrel connector of the YUSTDA AC Adapter into the charging port of your ride-on vehicle.

3. **Plug into Power Outlet:** Plug the AC adapter into a standard 100-240VAC wall outlet.
4. **Monitor Charging Indicator:** The adapter features an LED indicator light:
 - A **red light** indicates that the device is currently charging.
 - A **green light** indicates that charging is complete.
5. **Disconnect After Charging:** Once the green light is displayed, unplug the adapter from the wall outlet first, then disconnect the barrel connector from the ride-on vehicle.

Your browser does not support the video tag.

Video: 12V Charger for Kids Ride On Car. This video demonstrates the YUSTDA charger's LED indicator (red for charging, green for complete) and highlights the barrel plug dimensions for compatibility.

5. MAINTENANCE

To ensure optimal performance and extend the life 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 when not in use.
- **Cable Care:** Avoid bending or crimping the power cord excessively. Do not place heavy objects on the cable.

High Quality Power Cable Design



Image: High Quality Power Cable Design. This diagram illustrates the internal structure of the power cable, featuring high-quality copper wire and a durable PVC insulation jacket for longevity.

6. TROUBLESHOOTING

If you encounter issues with your YUSTDA AC Adapter Charger, refer to the following common problems and solutions:

- **Charger LED is off:**
 - Ensure the charger is securely plugged into a working wall outlet.

- Verify the wall outlet is receiving power by testing it with another device.
- Check if the charger's barrel connector is fully inserted into the ride-on vehicle's charging port.
- **Ride-on vehicle is not charging (LED is red, but no charge):**
 - Confirm that the ride-on vehicle's battery is not completely depleted or damaged.
 - Ensure the charging port on the vehicle is clean and free of debris.
 - The battery of the ride-on vehicle may need replacement if it no longer holds a charge.
- **Slow Charging:**
 - Ensure the charger's specifications (12VDC, 1000mA) match the requirements of your ride-on vehicle. Using an incompatible charger can lead to slow charging or damage.

7. SPECIFICATIONS

Feature	Detail
Brand	YUSTDA
Model Number (Charger)	LKC-120100-E
Item Model Number (General)	TNS30W-xy-z
Input Voltage	100-240VAC, 50/60Hz, 0.3A
Output Voltage	12VDC, 1000mA
Power Cord Length	6.5 Feet
Connector Type	Barrel Plug (0.08 inch inner, 0.22 inch outer, center positive)
Safety Features	Over current, Total power, Over voltage, Short Circuit Protection
Certifications	CE, FCC, RoHS
Included Components	1 x AC Adapter (Note: Product listing mentions '2 x AC Adapter', but this manual refers to a single unit's operation.)

8. WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your YUSTDA AC Adapter Charger, please contact our customer service team.

Email: epcustomerservice@yahoo.com



Image: YUSTDA 'Charge Up' Banner. This image features the 'Charge Up' slogan and 'YUSTDA Professional Safety Power Supply' branding.