

## YUSTDA Car Charger Power Adapter

# YUSTDA Car Charger Power Adapter User Manual

FOR JNC311 JUMP-N-CARRY 500 PEAK AMP JUMP STARTER

## 1. Introduction

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This manual provides instructions for the safe and effective use of your YUSTDA Car Charger Power Adapter. Please read this manual thoroughly before use and retain it for future reference. This adapter is specifically designed for compatibility with the JNC311 Jump-N-Carry 500 Peak Amp Jump Starter.

## 2. Safety Information

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Adhere to the following safety guidelines to prevent damage to the product or injury to yourself.

- Do not expose the adapter to moisture or extreme temperatures.
- Ensure the adapter is compatible with your device's voltage requirements (DC Input 12-24V).
- Disconnect the adapter from the power source when not in use.
- Do not attempt to disassemble or repair the adapter.
- Keep out of reach of children.

### Safety Features

- Over current protection
- Total power protection
- Over voltage protection
- Short Circuit Protection

# Safety Design with Multiple Protections



**Image 1:** Visual representation of the adapter's built-in safety mechanisms, including protection against over-temperature, over-voltage, over-current, and short circuits.

## 3. Product Overview

The YUSTDA Car Charger Power Adapter is designed to provide reliable power to compatible devices, specifically the JNC311 Jump-N-Carry 500 Peak Amp Jump Starter. It features a robust design with multiple safety protections to ensure safe and efficient charging.

### Key Features

- High-quality construction for durability.
- DC Input 12-24V for broad vehicle compatibility.
- Built-in Dynamic IC, Charger IC, and Power fuse for rapid charging and overcharge protection.
- Comprehensive safety features: Over current, total power, over voltage, and short circuit protection.
- FCC, CE, and RoHS certified for quality and safety standards.



**Image 2:** The YUSTDA Car Charger Power Adapter, showing the car cigarette lighter plug, the coiled power cable, and the barrel connector for the jump starter.

## High Quality Power Cable Design



**Image 3:** Detailed view of the power cable's internal structure, highlighting the high-quality copper wire and PVC insulation jacket for enhanced durability and safety.

## Durable & Compact Design



**Image 4:** Illustration emphasizing the durable construction and compact design of the power adapter, suitable for various environments.

## 4. Setup

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Follow these steps to set up your YUSTDA Car Charger Power Adapter:

1. Ensure your vehicle's 12V accessory outlet (cigarette lighter socket) is clean and free of debris.
2. Connect the small barrel connector end of the YUSTDA Car Charger Power Adapter to the charging input port of your JNC311 Jump-N-Carry Jump Starter.
3. Insert the car charger plug firmly into your vehicle's 12V accessory outlet.
4. Verify that the charging indicator on your jump starter (if available) illuminates, indicating a successful connection and charging process.

## 5. Operating Instructions

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Once connected, the adapter will begin to charge the JNC311 Jump-N-Carry Jump Starter.

- Charging times may vary depending on the jump starter's current battery level and the vehicle's electrical system.
- While the adapter includes overcharge protection, it is recommended to disconnect the adapter once the jump starter is fully charged to prolong battery life.
- To disconnect, first remove the car charger plug from the vehicle's outlet, then disconnect the barrel connector from the jump starter.

## 6. Maintenance

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Proper maintenance ensures the longevity and optimal performance of your adapter.

- Keep the adapter clean and dry. Use a soft, dry cloth to wipe down the exterior.

- Inspect the cable and connectors periodically for any signs of wear, cuts, or damage. If damage is observed, discontinue use immediately and replace the unit.
- Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

## 7. Troubleshooting

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### Adapter Not Charging

- **Check connections:** Ensure both the car charger plug and the barrel connector are securely plugged into their respective ports.
- **Vehicle outlet:** Verify the vehicle's 12V accessory outlet is functioning correctly. Test it with another known working device. If not working, check your vehicle's fuse box for the accessory outlet fuse.
- **Jump Starter:** Confirm the JNC311 Jump Starter's charging port is clean and undamaged.
- **Adapter condition:** Inspect the adapter's cable and housing for any visible damage. If damaged, discontinue use and replace the unit.

### Overheating

- It is normal for the adapter to feel slightly warm during operation. However, if it becomes excessively hot to the touch, disconnect it immediately.
- Ensure adequate ventilation around the adapter during use. Do not cover it or place it in an enclosed space.
- If excessive overheating persists after ensuring proper ventilation, discontinue use and contact customer support.

## 8. Specifications

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| Feature         | Detail  |
|-----------------|---|
| Model           | Car Charger Power Adapter (Compatible with JNC311)                |
| Brand           | YUSTDA  |
| Input Voltage   | DC 12-24V   |
| Safety Features | Over current, Total power, Over voltage, Short Circuit Protection |
| Certifications  | FCC, CE, RoHS   |
| ASIN            | B081ZP7RV7  |

## 9. Warranty and Support

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This YUSTDA product is manufactured with high-quality materials and undergoes strict quality control. For any questions, issues, or support needs, please contact YUSTDA customer service.

**Contact Email:** [epcustomerservice@yahoo.com](mailto:epcustomerservice@yahoo.com)

Please refer to your purchase documentation for specific warranty details and terms.

