Jump-N-Carry KKC-660

Jump-N-Carry JNC660 1700 Peak Amp 12 Volt Jump Starter User Manual

Model: KKC-660

1. Introduction

This manual provides essential information for the safe and effective operation and maintenance of your Jump-N-Carry JNC660 1700 Peak Amp 12 Volt Jump Starter. Please read this manual thoroughly before first use and retain it for future reference.
The JNC660 is a powerful and portable 12-volt jump starter designed for professional and personal use, delivering 1700 Peak Amps and 425 Cranking Amps of starting power.

2. Important Safety Information

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always exercise caution and follow safety guidelines when operating this device.

- Always wear eye protection when working with batteries.
- Ensure proper ventilation during charging and jump-starting.
- Do not expose the jump starter to rain or wet conditions.
- Keep children and unauthorized personnel away from the work area.
- Do not attempt to jump start a frozen battery.
- Connect the clamps in the correct polarity: positive to positive, negative to negative (or a good chassis ground).
- Avoid touching the positive and negative clamps together.

3. Product Features

The Jump-N-Carry JNC660 is equipped with features designed for reliable performance:

- **High Starting Power:** Delivers 1700 Peak Amps and 425 Cranking Amps.
- **Clore PROFORMER Battery Technology:** Ensures optimal power delivery and longevity.

- **Heavy-Duty Cables:** Features 46" #2 AWG welding cable leads for efficient power transfer.
- **Industrial-Grade Clamps:** Durable clamps for secure connections.
- **Built-in Automatic Charger:** Simplifies recharging and maintains the internal battery.
- **Voltmeter:** Provides a clear indication of the onboard battery's charge status.
- **Versatile Application:** Suitable for automotive service, fleet service, auto dealerships, auto auctions, marinas, and implement dealerships.



Figure 1: Front view of the Jump-N-Carry JNC660 Jump Starter. This image displays the unit's robust blue casing, integrated handle, red positive and black negative clamps, the voltmeter, and the charging port. The product label with "JNC660" and "Jump-N-Carry" branding is visible on the front panel.

4. Setup and Initial Charging

Before using your JNC660 for the first time, it is crucial to fully charge the internal battery. This ensures maximum performance and extends battery life.

1. **Unpack the Unit:** Remove the JNC660 from its packaging and inspect for any damage.
2. **Locate the Charging Port:** The JNC660 features a built-in charger. Locate the AC charging port on the unit.
3. **Connect to Power:** Plug the included AC charging cord into the unit's charging port, then plug the other end into a standard 120V AC wall outlet.
4. **Initial Charge:** Allow the unit to charge for a minimum of 12-24 hours for the initial charge. The built-in automatic charger will manage the charging process.
5. **Monitor Charge Status:** The onboard voltmeter will indicate the charge level of the internal battery. A fully charged unit will show a reading in the green zone.

Note: It is recommended to recharge the unit after each use and at least once every three months to maintain optimal battery health, even if not used.

5. Operating Instructions: Jump Starting a Vehicle

Follow these steps carefully to safely jump start a vehicle:

1. **Prepare the Vehicle:** Ensure the vehicle's ignition is off and all accessories (lights, radio, etc.) are turned off. Engage the parking brake.
2. **Connect Positive Clamp:** Connect the **red** (positive, +) clamp of the JNC660 to the positive terminal of the vehicle's discharged battery. Ensure a solid connection.
3. **Connect Negative Clamp:** Connect the **black** (negative, -) clamp of the JNC660 to a clean, unpainted metal part of the vehicle's chassis or engine block, away from the battery and fuel lines. Do NOT connect directly to the negative terminal of the discharged battery unless specified by the vehicle manufacturer.
4. **Start the Vehicle:** Once both clamps are securely connected, attempt to start the vehicle. Crank the engine for no more than 5-6 seconds. If the vehicle does not start, wait at least 3 minutes before attempting again.
5. **Disconnect Clamps:** Once the vehicle starts, disconnect the **black** (negative) clamp first, then disconnect the **red** (positive) clamp.
6. **Recharge the JNC660:** Immediately recharge your JNC660 after each use to ensure it's ready for the next emergency.

Caution: Do not allow the red and black clamps to touch each other once connected to the JNC660. This can cause sparks and damage the unit.

6. Maintenance and Storage

Proper maintenance ensures the longevity and reliability of your JNC660.

- **Recharging:** Always recharge the unit immediately after each use. For optimal battery life, recharge the unit every three months, even if it has not been used.
- **Cleaning:** Clean the exterior of the unit with a soft, dry cloth. Do not use harsh chemicals or abrasives. Keep the battery clamps clean and free of corrosion.
- **Storage:** Store the JNC660 in a cool, dry place, away from direct sunlight, moisture, and extreme temperatures. Ensure the unit is fully charged before storing for extended periods.

- **Cable Care:** Inspect the cables and clamps regularly for any signs of damage, fraying, or loose connections. Replace damaged components immediately.

7. Troubleshooting

If you encounter issues with your JNC660, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not start after jump attempt.	Unit not fully charged. Poor connection of clamps. Vehicle battery severely discharged or faulty. Vehicle electrical issue.	Ensure JNC660 is fully charged (voltmeter in green zone). Check clamp connections for tightness and clean contact points. Wait 3 minutes and attempt to start again. If still no start, the vehicle battery may need replacement or professional service. Consult a qualified mechanic for vehicle electrical issues.
Voltmeter shows low charge after charging.	Insufficient charging time. Faulty AC outlet or charging cable. Internal battery degradation.	Ensure unit is charged for the recommended 12-24 hours initially, and 12 hours after each use. Test the AC outlet with another device. Inspect charging cable for damage. If the unit is old and frequently used, the internal battery may need replacement. Contact customer support.
Unit does not hold a charge.	Internal battery at end of life. Improper storage conditions.	Internal batteries have a finite lifespan. Consider battery replacement. Ensure unit is stored in a cool, dry place and recharged regularly.

8. Specifications

Feature	Detail
Model Number	KKC-660 (Manufacturer Part Number: 660)
Brand	Jump-N-Carry
Peak Amps	1700 Amps
Cranking Amps	425 Amps
Battery Type	Clore PROFORMER (Internal, Sealed Lead Acid)
Cable Length	46 inches
Cable Gauge	#2 AWG Welding Cable
Product Dimensions (D x W x H)	8" x 4" x 8"

Feature	Detail
Item Weight	9.8 Kilograms (approx. 21.6 pounds)
Charger Type	Built-in Automatic Charger
UPC	010219025350

9. Warranty and Support

For specific warranty information, please refer to the warranty card included with your product or visit the official Jump-N-Carry website. Keep your purchase receipt as proof of purchase for warranty claims.
For technical support, replacement parts, or service inquiries, please contact Jump-N-Carry customer service through their official channels. Contact information is typically available on the product packaging or their website.

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Example: How do I reset this device or fix this error?

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