

JUMP n Carry®



JNC300XL **Portable Jump Starter** **with 12 Volt Power and LED Flashlight**

Your jump starter is engineered and manufactured to provide years of reliable operation. Please read and understand this owner's manual and the owner's manual of any vehicle being jump started before using your jump starter. Please keep this manual for future use.

⚠ WARNING



Failure to follow instructions may cause damage or explosion; always shield eyes.
Read entire instruction manual before use.

Warning: This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects and other reproductive harm. Wash hands after handling.









**CONTAINS SEALED LEAD ACID BATTERY.
BATTERY MUST BE RECYCLED.**

Charge your jump starter for 12 hours immediately upon retail purchase, charge after each use and charge once every three months when not in use.

Safety Information

⚠ WARNING

	<p>Read these instructions completely before using the jump starter and save them for future reference. Before using the jump starter to jump start a car, truck, boat or to power any equipment, read these instructions and the instruction manual/safety information provided by the car, truck, boat or equipment manufacturer. Following all manufacturers' instructions and safety procedures will reduce the risk of accident.</p>
	<p>Working around lead-acid batteries may be dangerous. Lead-acid batteries release explosive gases during normal operation, charging and jump starting. Carefully read and follow these instructions for safe use. Always follow the specific instructions in this manual and on the jump starter each time you jump start using the jump starter. All lead-acid batteries (car, truck and boat) produce hydrogen gas which may violently explode in the presence of fire or sparks. Do not smoke, use matches or a cigarette lighter while near batteries. Do not handle the battery while wearing vinyl clothing because static electricity sparks are generated when vinyl clothing is rubbed. Review all cautionary material on the jump starter and in the engine compartment.</p>
	<p>Always wear eye protection, appropriate protective clothing and other safety equipment when working near lead-acid batteries. Do not touch eyes while working on or around lead-acid batteries.</p>
	<p>Always store clamps in their Grip-Lock® ears, away from each other or common conductors. Improper storage of clamps may cause the clamps to come in contact with each other, or a common conductor, causing the battery to short circuit and generate high enough heat to ignite most materials.</p>
	<p>Use extreme care while working within the engine compartment, because moving parts may cause severe injury. Read and follow all safety instructions published in the vehicle's Owner's Manual.</p>
	<p>While the battery in the jump starter is a sealed unit with no free liquid acid, batteries being jump started with the jump starter unit likely contain liquid acids which are hazardous if spilled.</p>

General precautions for use:

- Someone should always be within range of your voice or close enough to come to your aid when you work near a lead-acid battery.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing or eyes. Protective eyewear should always be worn when working near lead-acid batteries.
- If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with cold running water for at least 10 minutes and get medical attention immediately.
- The charger uses household 120V electrical supply, which if misused, may cause injury or fire.
- Be extra cautious to reduce risk of dropping a metal tool onto a battery. It might spark or short circuit the battery or another electrical part that may cause explosion.
- Remove personal metal items such as rings, bracelets, necklaces and watches when working with a lead-acid battery. A lead-acid battery can produce a short-circuit current high enough to weld a ring or the like to metal, causing a severe burn.
- Use the jump starter for jump starting *lead-acid batteries only*. Do not use for jump starting dry-cell batteries that are commonly used with home appliances. These batteries may burst and cause injury to persons and damage to property.
- **NEVER** charge or jump start a frozen battery.

- To prevent arcing, **NEVER** allow clamps to touch together or to contact the same piece of metal.
- Use of an attachment not recommended or sold by the manufacturer may result in a risk of damage to the unit or injury to personnel.
- When using the power extension cord, pull on the plug and **never on the wire** when disconnecting.
- Do not recharge the jump starter with a damaged power extension cord. Replace it immediately.
- The jump starter may be used under any weather condition – rain, snow, hot or cold temperatures.
- Do not submerge in water.
- Do not operate with flammables such as gasoline, etc.
- If the jump starter receives a sharp blow or is otherwise damaged in any way, have it checked by a qualified service person. If the jump starter is leaking battery acid, do not ship it. Take it to the closest battery recycler in your area.
- Do not disassemble the jump starter. Have it checked by a qualified service person.
- The jump starter should never be left in a completely discharged state for any period of time. Damage to the battery could be permanent, with poor performance as a result. When not in use, recharge every three (3) months.
- Always store, use and charge the jump starter in an area where children cannot get to the unit.

Performance and Temperature

Performance of your jump starter will depend upon several factors:

- A good, solid connection between the jump starter clamps and the battery and ground connections are a must. Moving the clamps back and forth while connecting to the battery will help create a better connection.
- Clean connections between your vehicle or equipment battery and its terminals are very important. For an optimal connection, corrosion (soft grayish-white build-up) on battery terminals must be removed. With the ignition turned off, disconnect the battery cables and clean the terminals and battery posts with a baking soda solution.
- All batteries are affected by temperature changes, and the small, lightweight battery in the jump starter is more sensitive to storage temperature than a standard automotive battery. The ideal storage environment is room temperature, or 68°F.

Jump Starting Instructions

Note: Review this instruction manual and the instruction/safety manual provided by the manufacturer of the vehicle being jump started.

Note: For optimum performance, do not store your jump starter below 50° when using as a jump starter. **NEVER** charge or jump start a frozen battery.

1. Use in a well ventilated area. Shield eyes with safety glasses or goggles.

2. Turn off the ignition and all vehicle accessories (lights, radio, heater, etc.) before making cable connections.

Note: A good, solid and clean connection is essential for a successful jump start (see **Performance and Temperature** section).

3. Taking care to never touch the clamps together, first remove the **RED POS (+)** clamp from it's ear and connect it to the **RED POS (+)** battery terminal. Then remove the **BLACK NEG (-)** clamp from it's ear and connect it to the engine ground, or a non-moving metal engine part. Never connect to the fuel line, fuel injector or carburator as the engine ground.

Note: Many vehicles feature alternate starting points, away from the battery. Always use the alternate starting points whenever available.

4. Make sure the cables are not in the path of moving engine parts (belts, fans, etc.).
5. Stay clear of batteries while jump starting.
6. Start the vehicle (turn on the vehicle ignition).

Note: If the vehicle doesn't start within 6 seconds, let the jump starter cool for 3 minutes before attempting to start the vehicle again or you may damage the jump starter.

7. Once the vehicle is started, disconnect the negative (-) battery clamp from the vehicle ground and return it to its Grip-Lock® ear.
8. Disconnect the positive (+) clamp and return it to it's Grip-Lock® ear.
9. Always return the clamps to their Grip-Lock® ears after use. Never attach the clamps to the handle of the jump starter.
10. After use, recharge the jump starter (see **Recharging** section).

12 Volt DC Power

The jump starter features a 12 Volt power outlet hidden behind the LED flashlight. Remove the flashlight (taking care not to misplace or damage it) to expose the 12 Volt outlet. To turn on the outlet, depress the yellow button. To turn off the outlet, depress the yellow button.

Accessories up to 12 Amps can be powered by the unit. If the amperage rating is exceeded, a built-in auto-reset circuit breaker automatically shuts power off until the accessory, or overload source, is removed. After extreme power usage, recharge the unit for 36-48 hours.

Battery Status

Press and hold the red battery level status button to display the battery status.

- ■ ■ □ 3 lights Good
- ■ □ □ 2 lights Medium
- □ □ □ 1 light Low
- □ □ □ Flashing Recharge Unit
- □ □ ■ **Always On** When Charger is Plugged In*

*Please note this light indicates the charger is working.

Recharging

1. The jump starter comes with a wall mount charger.
2. Plug the charger cord into the Recharge Jack on the front of the unit.
3. Plug the wall charger into an AC outlet.
4. The right LED will turn on while the charger is plugged into AC power to indicate the unit is charging.
5. We do not recommend charging the unit for more than 24 hours under normal usage. Suggested recharge times are:
 - Recharge the unit for 3 hours when the unit is used for jump starting
 - Recharge the unit for 12-24 hours under very high discharge conditions
6. Press and hold the red button to check the battery charging status. When the unit is fully charged, all LED's will light.

LED Display - Press and hold red button

■ ■ ■ ■ 4 lights when plugged in... Charging complete

□ □ □ ■ **Always On** When Charger is Plugged In

Flashlight

The jump starter is equipped with a built-in LED flashlight. The portability of the unit makes the jump starter extremely useful in times of emergency, recreation and general use. Simply press the yellow button to turn the light on or off.

Storage

The jump starter may be stored virtually anywhere, and in any position, though we recommend storing the unit upright. However, take precautions to ensure that the positive and negative clamps do not come into contact with each other or a common metal surface. We recommend storing the jump starter in the box in which it was originally received.

Battery Disposal



This unit contains a sealed non-spillable lead-acid battery. This battery must be recycled. Consult your state or local government concerning regulations for proper disposal.

The jump starter battery may be removed by unscrewing the perimeter screws on the back cover. Disconnect the wires from the battery terminals. Note the position of the battery and wire locations.

Warning: This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects and other reproductive harm. Wash hands after handling.

Discover other battery chargers and jump starters on our website.