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› Tyrell Chenergy HH-602N 4-in-1 Car Battery Jump Starter with Air Compressor User Manual

## Tyrell Chenergy HH-602N

# User Manual

## TYRELL CHENERGY 4-IN-1 CAR BATTERY JUMP STARTER WITH AIR COMPRESSOR

Model: HH-602N

### 1. INTRODUCTION

Thank you for choosing the Tyrell Chenergy HH-602N 4-in-1 Car Battery Jump Starter. This versatile device is designed to provide emergency jump-starting for 12V vehicles, inflate tires with its integrated air compressor, and serve as a portable power station with USB and DC outlets. Please read this manual carefully before use to ensure safe and optimal operation.

### 2. SAFETY INFORMATION

- Always wear eye protection when working with batteries.
- Ensure proper ventilation during operation.
- Connect the clamps correctly: red to positive (+), black to negative (-). Incorrect connection will trigger a polarity alert.
- Do not touch the red and black clamps together.
- Keep the unit away from children.
- Do not expose the unit to rain or extreme temperatures outside the specified operating range (-4°F to 149°F).
- For optimal performance, charge the unit every 60 days when not in use. Recharge immediately overnight after each use.

### 3. PACKAGE CONTENTS

The Tyrell Chenergy HH-602N package includes the following items:

- 1x Battery Jump Starter with Air Compressor
- 1x AC Charger
- 1x DC Charger
- 3x Air Nozzles
- 1x User Guide

# WHAT'S IN THE BOX



AC charger



DC charger



High air-flow nozzles

Image: What's in the box. The main jump starter unit, AC charger, DC charger, and various air nozzles are shown.

## 4. PRODUCT OVERVIEW

The Tyrell Chenergy HH-602N is a compact and portable multi-function device. It features a robust casing with an integrated handle for easy transport. The front panel includes controls and indicators for the jump starter and power station functions, while the side houses the air compressor and its gauge.



Image: Front view of the Tyrell Chenergy HH-602N unit, highlighting its 1000 Amp jump start capability, 12 Volt output, and suitability for 5.0L gas or 5.0L diesel engines.

Your browser does not support the video tag. Please update your browser.

Video: Overview of the Tyrell Chenergy 4-in-1 Booster Pack with Air Compressor, demonstrating its features and components.

## 5. SETUP

### 5.1 Charging the Unit

Before initial use, fully charge the jump starter. The unit can be charged using either the AC or DC adapter.

#### AC Charging:

1. Plug the AC adapter power cord into the input charging jack on the front of the unit.
2. Plug the adapter into a standard wall AC outlet.
3. Charge for 24 hours or until the battery is fully charged.

# DC POWER SOURCE

2 DC Portable power outlets  
charge USB(5V 2.1A) port



Image: The jump starter unit connected to a wall outlet via its AC adapter for charging.

## DC Charging:

1. Plug the DC adapter into the jump starter charging port.
2. Insert the other end of the DC adapter into your vehicle's cigarette lighter socket.
3. Charge the unit while driving or when the vehicle is running.

## CHARGING WITH AC ADAPTER

Plug the AC adapter power cord into the input charging jack on the front of the unit, then plug the adapter into a wall AC outlet. Charge for 24 hours or until the battery is fully charged.



## CHARGING WITH DC ADAPTER

The plug input of the DC adapter plugs into the jump starter charging port and the other end into your vehicle's cigarette lighter socket.

Image: The jump starter unit connected to a vehicle's DC outlet for charging.

## 6. OPERATING INSTRUCTIONS

### 6.1 Jump Starting a Vehicle

This unit can jump start 12V vehicles with up to 5.0L gas or 5.0L diesel engines.

1. Ensure the jump starter is fully charged.
2. Connect the red positive (+) clamp to the positive (+) terminal of the vehicle's battery.
3. Connect the black negative (-) clamp to the negative (-) terminal of the vehicle's battery.
4. Turn the 'ON' switch on the jump starter to the ON position. The polarity indication light will show green for a correct connection or red for an incorrect connection.
5. Start your vehicle's engine.
6. Once the vehicle starts, immediately turn the jump starter switch to 'OFF' and disconnect the clamps in reverse order (black first, then red).

# START FLAT BATTERIES IN SECONDS



Image: Connecting the jump starter clamps to a car battery. The red clamp is on the positive terminal, and the black clamp is on the negative terminal.



Image: Step-by-step guide for jump starting a vehicle, showing the connection, activation, engine start, and disconnection process.

Your browser does not support the video tag. Please update your browser.

Video: Demonstration of using the Tyrell Chenenergy Car Battery Jump Starter with Air Compressor to jump start a vehicle.

## 6.2 Using the Air Compressor

The integrated air compressor provides up to 260 PSI pressure and includes various nozzles for different inflatables.

1. Uncoil the air compressor hose from its storage compartment.
2. Select the appropriate nozzle for your item (tire, ball, inflatable) and attach it to the hose.
3. Securely connect the nozzle to the item you wish to inflate.
4. Turn the air compressor switch to the 'ON' position.
5. Monitor the pressure gauge and turn the compressor 'OFF' once the desired pressure is reached.
6. Disconnect the hose and store it properly.



Image: The air compressor function inflating a tire, indicating completion in 3 minutes and showing the pressure gauge.

# MULTI FUNCTION AIR COMPRESSOR



Image: Multi-function air compressor applications, including cars, balls, bicycles, swimming rings, motorcycles, and inflatable kayaks.

## 6.3 Using as a Portable Power Station

The unit features USB (5V/2.1A) and 12V DC (11A 132W) outlets to power or charge various devices.

1. Plug your device's charging cable into the appropriate USB port or the 12V DC outlet.
2. Ensure the unit is sufficiently charged to provide power.

## CHARGING WITH AC ADAPTER

Plug the AC adapter power cord into the input charging jack on the front of the unit, then plug the adapter into a wall AC outlet. Charge for 24 hours or until the battery is fully charged.



## CHARGING WITH DC ADAPTER

The plug input of the DC adapter plugs into the jump starter charging port and the other end into your vehicle's cigarette lighter socket.

Image: The jump starter unit used as a portable DC power source, charging a smartphone.

## 7. MAINTENANCE

- **Charging:** For optimal performance, the unit should be charged every 60 days when not in use. Once used, the unit should be charged immediately overnight.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures. Ensure all cables and accessories are neatly stored.

## 8. TROUBLESHOOTING

- **Unit not turning on:** Ensure the unit is fully charged. Check the main power switch.
- **Vehicle not starting:** Verify that the clamps are securely connected to the correct battery terminals (red to positive, black to negative). Check the polarity indication light for a green signal. Ensure the vehicle's battery is not severely damaged.

- **Air compressor not working:** Check the air compressor's ON/OFF switch. Ensure the hose is properly connected and not kinked.
- **Incorrect connection alert (red light):** Immediately disconnect the clamps and re-connect them ensuring red is on positive (+) and black is on negative (-).

9. SPECIFICATIONS

| Feature                                 | Specification                 |
|-----------------------------------------|-------------------------------|
| Brand                                   | Tyrell Chenergy               |
| Model Name                              | HH-602N                       |
| Voltage                                 | 12 Volts                      |
| Peak Current                            | 1000 Amps                     |
| Engine Compatibility                    | Up to 5.0L Gas or 5.0L Diesel |
| Max Operating Pressure (Air Compressor) | 260 PSI                       |
| USB Output                              | 5V/2.1A                       |
| DC Outlet                               | 12V (11A 132W)                |
| Operating Temperature                   | -4°F to 149°F                 |
| Dimensions                              | 9.5"L x 6.7"W x 10.5"H        |
| Item Weight                             | 10.41 pounds                  |

10. WARRANTY AND SUPPORT

For any issues or questions regarding your Tyrell Chenergy HH-602N 4-in-1 Car Battery Jump Starter, please contact Tyrell Chenergy customer support. Refer to your purchase documentation for specific warranty details and contact information.

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### Question

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

### Details

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